



# 2023 AIA Nebraska Excellence in Design Awards

[www.aiane.org](http://www.aiane.org)





# Regional & Urban Design Citation Award

# CONCEPTUAL TERRAIN

a 50 year plan for the peoples of Mat-Su

23-703 **Conceptual Terrain**

HDR | Great Plains Studios

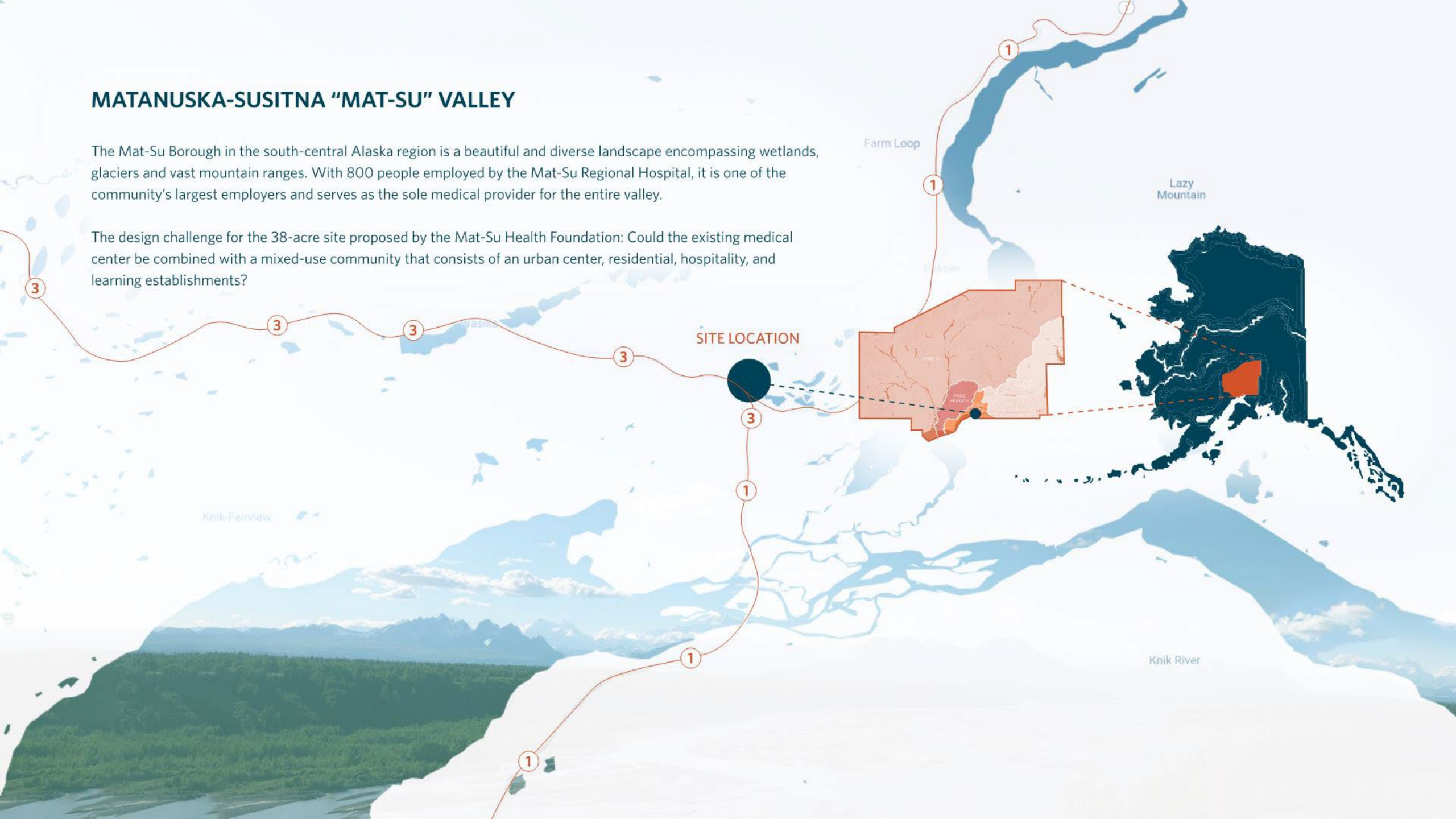
Palmer, AK (Matanuska-Susitna Borough)

Mat-Su Health Foundation

# MATANUSKA-SUSITNA "MAT-SU" VALLEY

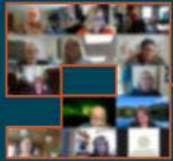
The Mat-Su Borough in the south-central Alaska region is a beautiful and diverse landscape encompassing wetlands, glaciers and vast mountain ranges. With 800 people employed by the Mat-Su Regional Hospital, it is one of the community's largest employers and serves as the sole medical provider for the entire valley.

The design challenge for the 38-acre site proposed by the Mat-Su Health Foundation: Could the existing medical center be combined with a mixed-use community that consists of an urban center, residential, hospitality, and learning establishments?





“The Mat-Su Health Campus is... a welcoming community center promoting health and wellness for ALL peoples of the Mat-Su Valley.”



## VISION

The team conducted a virtual visioning workshop and presented community survey results to key stakeholders.

## CONFIRMATION

The team arrived on site to confirm studies that had been completed virtually.



[07.13.2021]

[07.14.2021]

## REVIEW

The team presented initial concepts to the steering committee. This group reviewed the concepts based on metrics established during the visioning process.



[07.15.2021]

[07.16.2021]

## PRESENTATION

Because of meaningful community engagement, the project team was able to develop a master plan that represents the community, addresses their future needs, and ultimately improves the health and wellness of Alaskans living in the Mat-Su Borough; **a plan for all peoples.**



## EDUCATION

The team toured the nearby Matanuska Experiment Farm and attended a seminar lead by Yaari Walker from the Alaska Native Heritage Center, who educated them about the culture and peoples of the Mat-Su valley.



## ADJUSTMENT

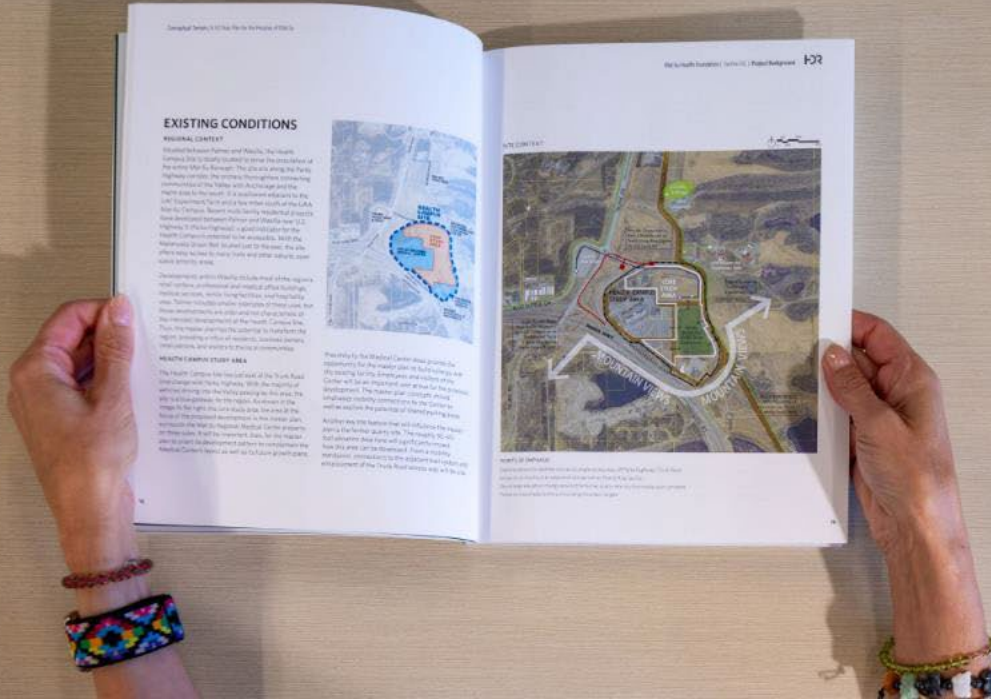
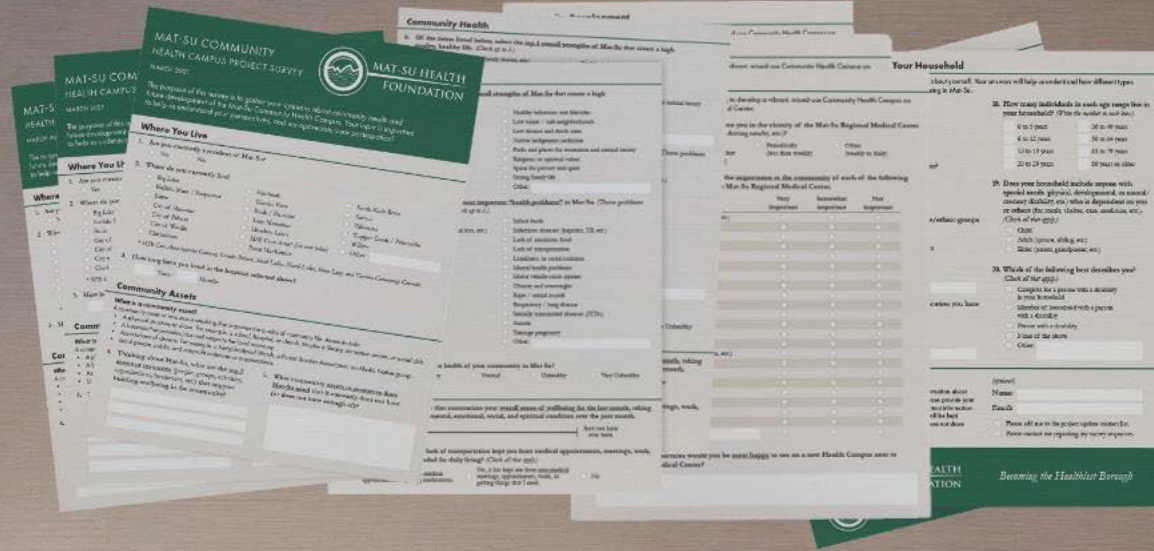
The team adjusted concepts based on the steering committee's feedback and presented the results to the advisory group, giving advisors an opportunity to direct changes to the master plan before it was presented to the community.



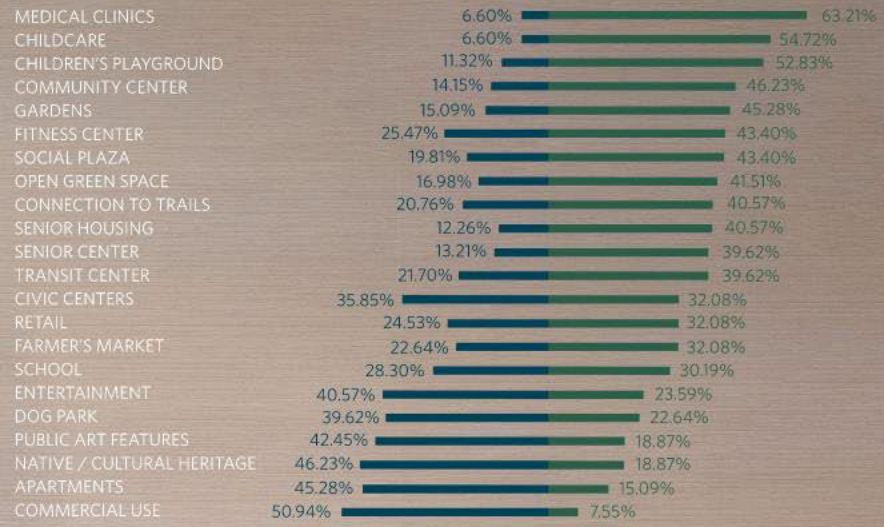


# THE RESULTS ARE IN

Data collected from physical and digital surveys provided direct, up-to-date input from community members regarding their health needs, perspectives on potential assets, and priorities for the new campus. Responses were collected from Mat-Su Health Foundation employees as well as over 500 Mat-Su residents predominantly living in the Mat-Su Borough core area.



## CAMPUS USES AS NOT IMPORTANT OR VERY IMPORTANT







TRAIL



REGIONAL & COMMUNITY AGRICULTURE



ELDER LIVING & CHILDCARE



FOOD COMMUNITY RECREATION



CENTERS FOR EXCELLENCE

PROPERTY OF UNIVERSITY OF ALASKA-FAIRBANKS

PROPERTY OF MAT-SU HEALTH FOUNDATION

TRAILHEAD

UAF FARM

MEDICAL CENTER

QUARRY

LOWER TIER

230'

176'

144'

114'

## POINTS OF EMPHASIS

- A series of terraces step down in elevation from North to South, dividing the study area into three distinct areas based on average elevation levels.
- The edges between these areas align with existing and potential access points from the surrounding roadways.
- The former quarry site has 30-40-ft slopes on its East, North, and West sides, with its South edge open to the lower terrace beyond the study area.







## OPEN SPACE

- ENTRANCE LAWN A
- SHARED SPACE STREET B
- COMMUNITY GREEN C
- AMPHITHEATER D
- STORMWATER DEMONSTRATION GARDENS E
- GRAND STAIR & INCLINE PROMENADE F
- CURATED HILLSIDES G
- NEIGHBORHOOD PARK H
- COMMUNITY GARDEN I
- OVERLOOK/TRAIL CONNECTION J

## BUILDINGS

- VISITOR DESTINATION 1
- HOTEL 2
- FOOD HALL 3
- MEDICAL OFFICE 4
- PARKING STRUCTURE 5
- PODIUM APARTMENTS 6
- SENIOR LIVING 7
- APARTMENTS 8
- TOWNHOMES 9
- EARLY CHILDHOOD CENTER 10
- EXISTING HOSPITAL 11

## THE FINAL MASTER PLAN

is definitive, visionary, and flexible. The plan is organized around a linear tree-lined axis with park spaces along its length, where civic and commercial buildings sit in sight of Woodworth Loop and Parks Highway to entice visitors and residents of the greater borough to be a part of the campus. The plan meets the primary goals of combining vertical development and opportunities for complementary services with a connection to the environment, and the result is both a desirable health campus and a compact, walkable community that supplements nearby resources and compliments the majestic context. It is a welcoming community center and a place that will promote physical, mental, and social health and wellness for all the peoples of the Mat-Su Valley.



## LAND USE

Public spaces are located adjacent to the main entrance drive and community green. The structures that draw use from the medical center, including the senior living complex and early childhood center, encircle the existing facility. Residential buildings are set back from high activity areas, and diverging structures are linked via open space and a robust pedestrian network.

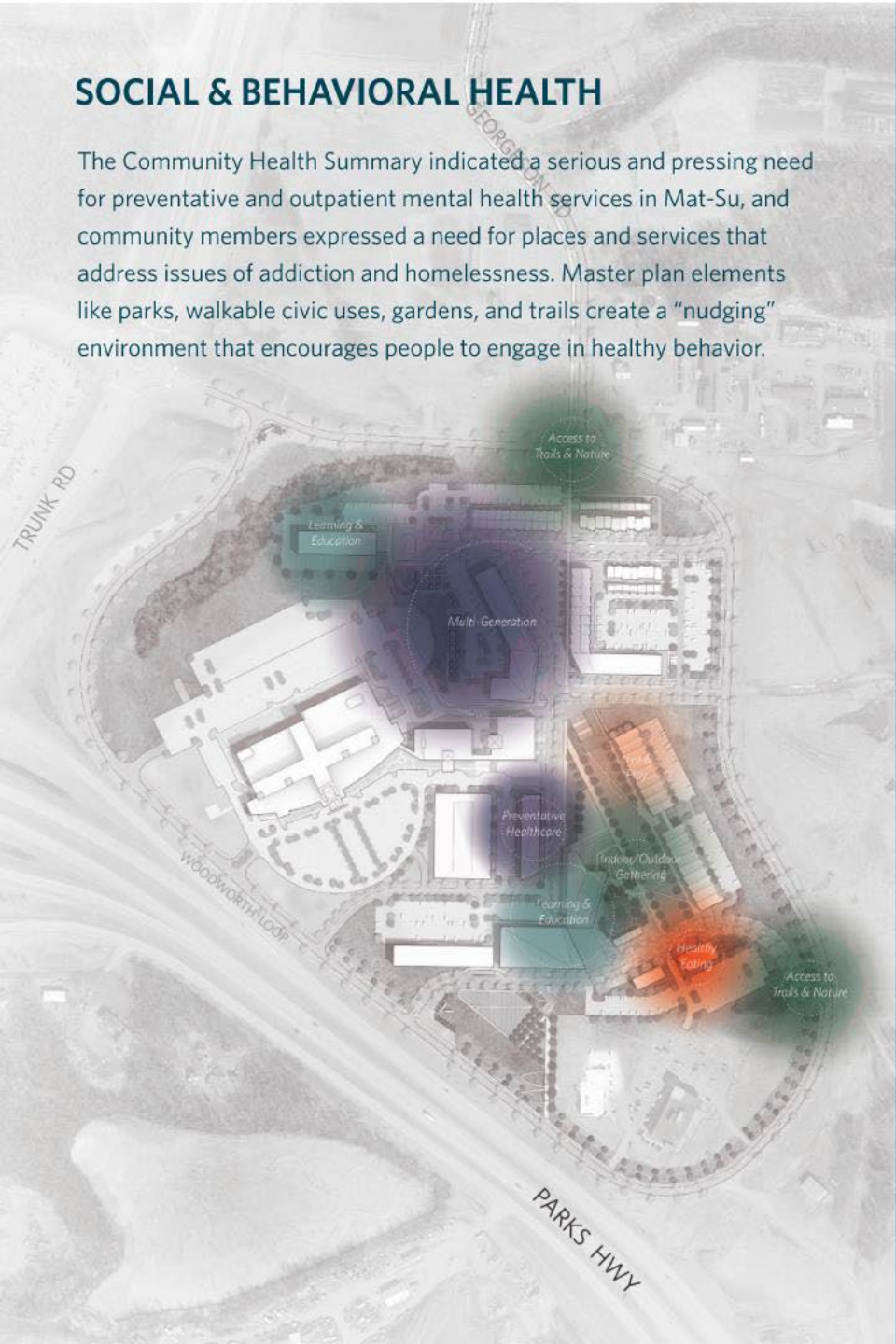


VIEW FROM GRAND STAIR TO COMMUNITY GREEN



## SOCIAL & BEHAVIORAL HEALTH

The Community Health Summary indicated a serious and pressing need for preventative and outpatient mental health services in Mat-Su, and community members expressed a need for places and services that address issues of addiction and homelessness. Master plan elements like parks, walkable civic uses, gardens, and trails create a “nudging” environment that encourages people to engage in healthy behavior.

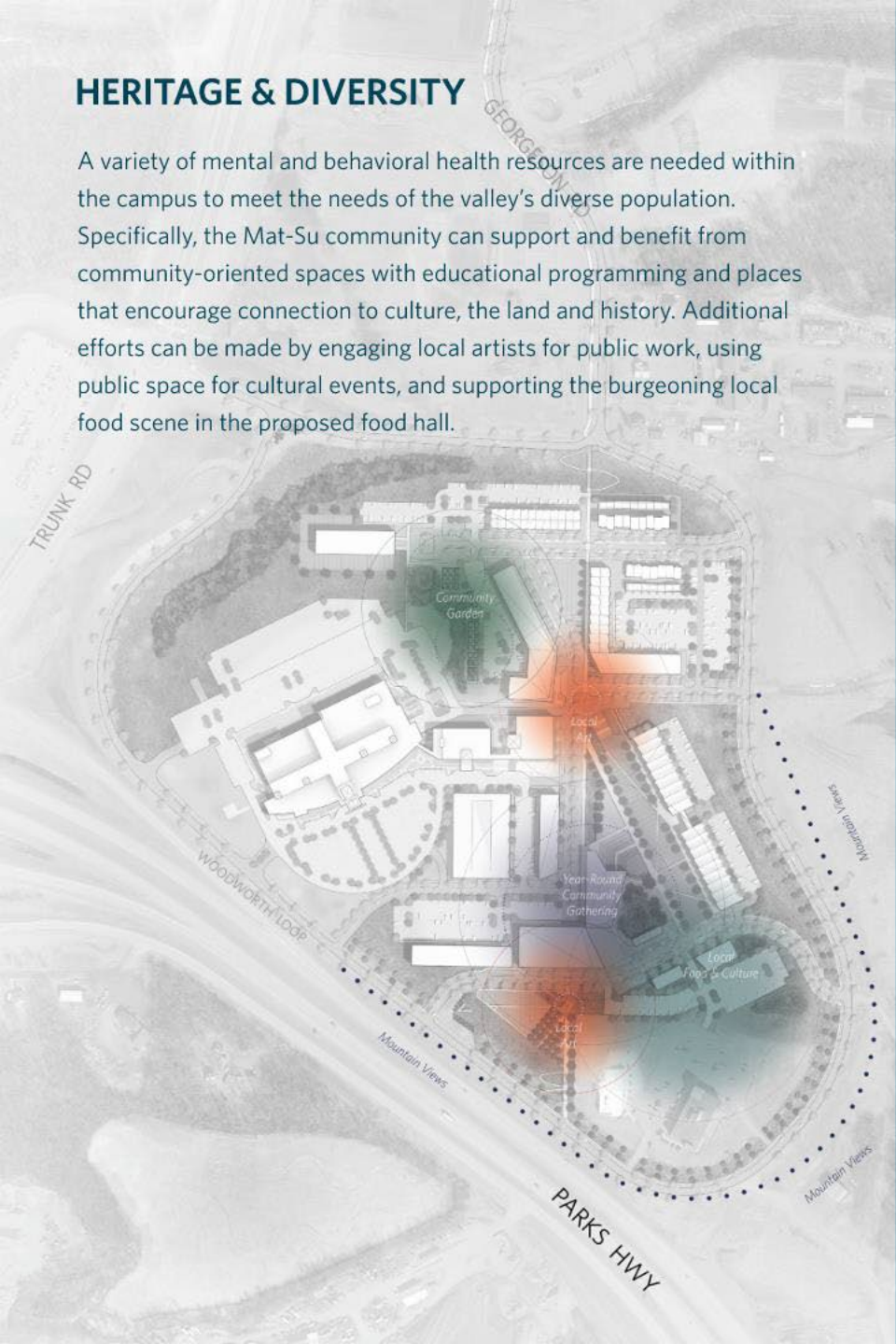


NORTH-SOUTH SITE SECTION WITH PLAN



## HERITAGE & DIVERSITY

A variety of mental and behavioral health resources are needed within the campus to meet the needs of the valley's diverse population. Specifically, the Mat-Su community can support and benefit from community-oriented spaces with educational programming and places that encourage connection to culture, the land and history. Additional efforts can be made by engaging local artists for public work, using public space for cultural events, and supporting the burgeoning local food scene in the proposed food hall.



VIEW OF FOOD HALL LOOKING NORTH







Don Littler Excellence in Masonry Award  
Sponsored by the Nebraska Masonry Alliance  
Honor Award



23-502 White Lotus Group | Nebraska Realty - Lincoln  
DLR Group  
Lincoln, NE  
Client: White Lotus Group & Nebraska Realty



**NR** NEBRASKA  
REALTY



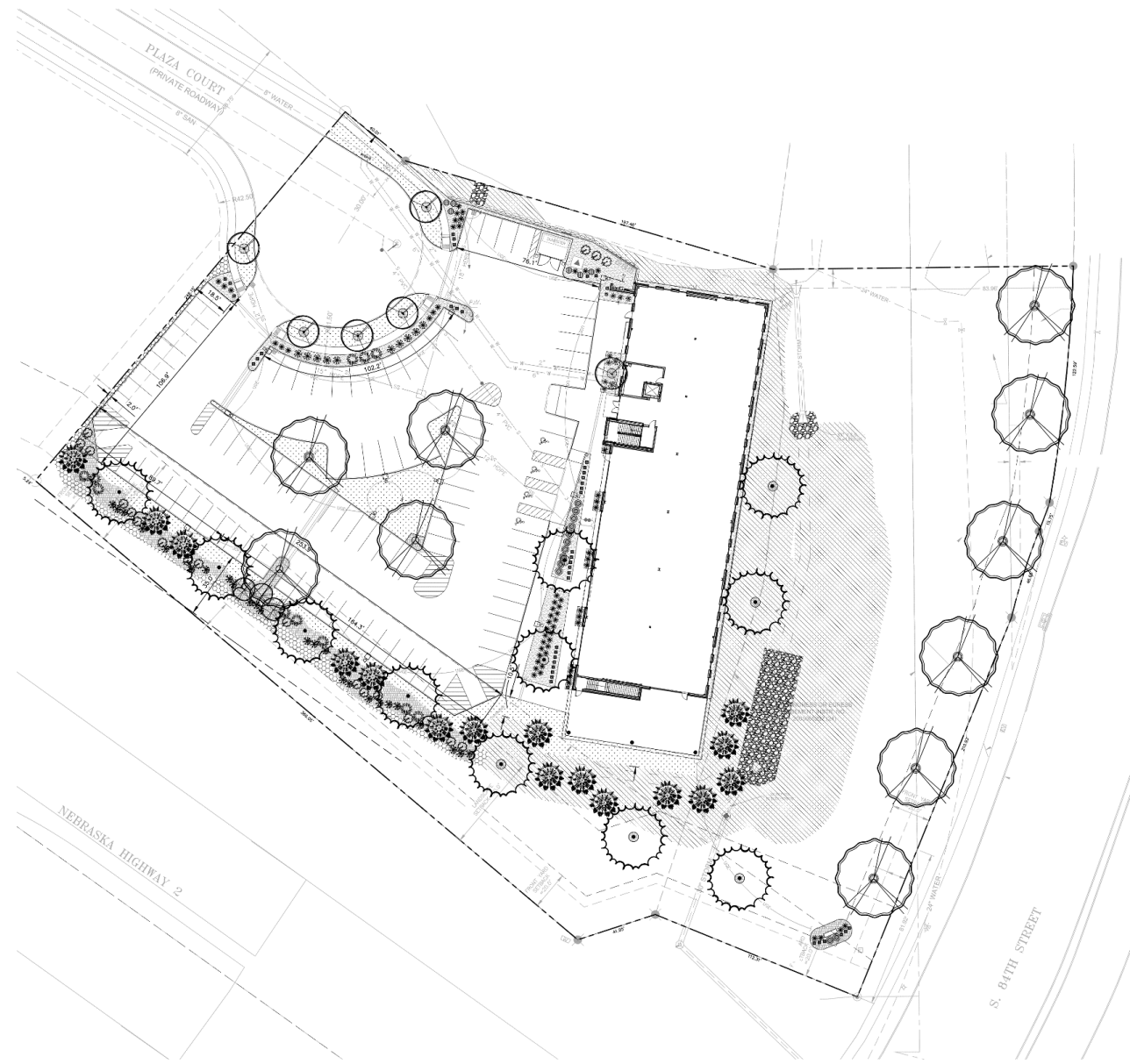




Southwest View from 84<sup>th</sup> Street – Formal Shift Creates Roof Terrace



Northeast View from Nebraska Highway 2- Formal Shift Creates Covered Program



Site Plan with First Floor Plan Overlay





Specification 042000 Unit Masonry - Face Brick

Manufacturer - Endicott

Finish - Maganese Iron Spot

Blend - 70% Velour 30% Smooth

Size - Modular

Installation -

Running bond

$\frac{1}{2}$ " offset every third brick



The simple shift of the building form is emulated in the simple gesture of setting every third brick in the running bond a half inch proud of the field.





This pattern is repeated around the entirety of the building creating dramatic shadow lines that shift throughout the day – most dynamic of which are on the eastern and western facing facades.



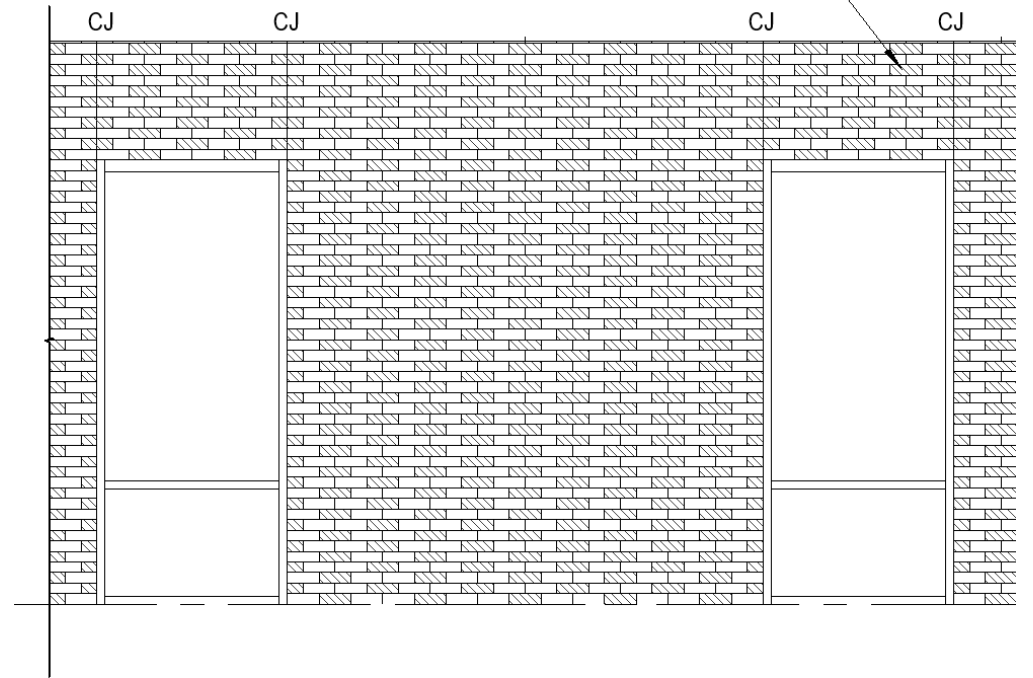


This pattern is repeated around the entirety of the building creating dramatic shadow lines that shift throughout the day – most dynamic of which are on the eastern and western facing facades.





DIAGONAL DOWN HATCH INDICATES FACE BRICK THAT SHALL BE 1/2" PROUD, SEE SECTIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION, TYP AT ALL FB-1 LOCATIONS, UNO.



Detail – Masonry Control Joint to Split Brick at Punched Openings



# Architectural Detail Honor Award

23-409 Kiewit Luminarium Facade

HDR Inc.

Omaha, NE

Omaha Discovery Trust



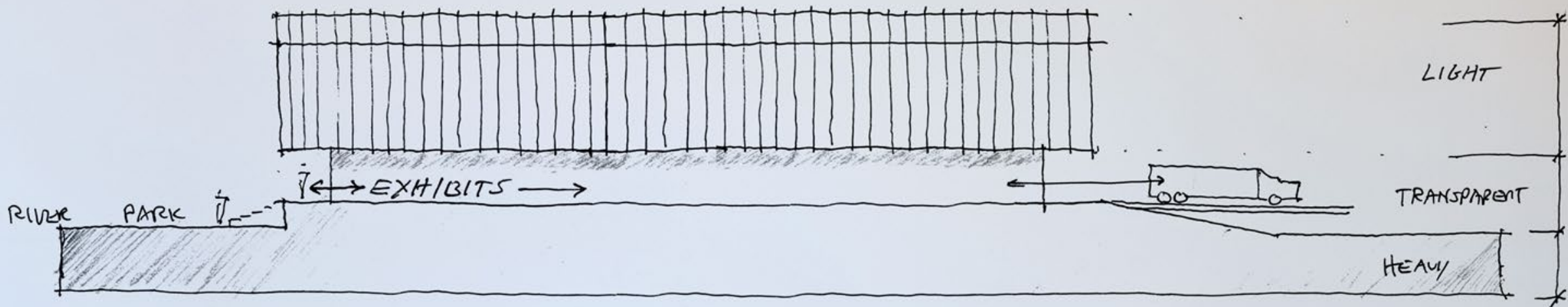




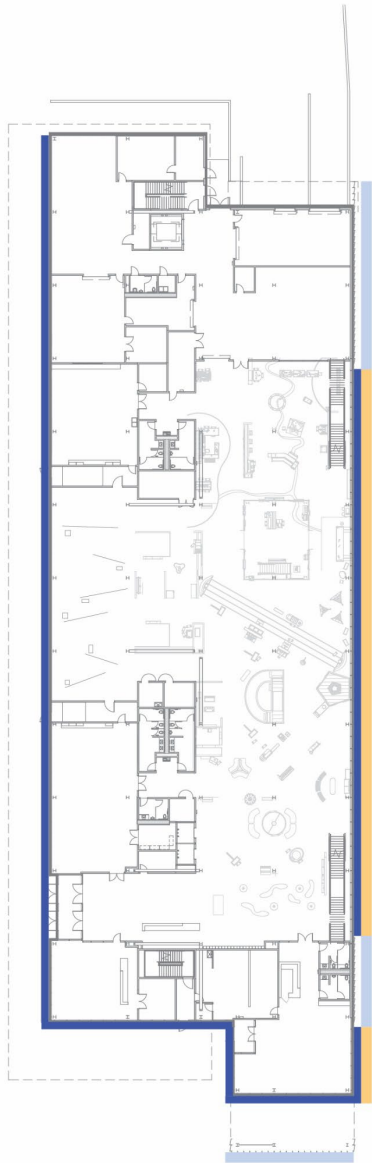
## SEEING IN A NEW LIGHT

This hands on, interactive STEM museum creates a place for people of all ages, identities, and backgrounds to explore astonishing phenomena at the intersection of science, art, and human perception. The building has been thought of as a *container* to allow the diverse range of programming and exhibits the most flexibility. Like the midwestern vernacular "machine-shed", this container remains simple, honest, and performative.

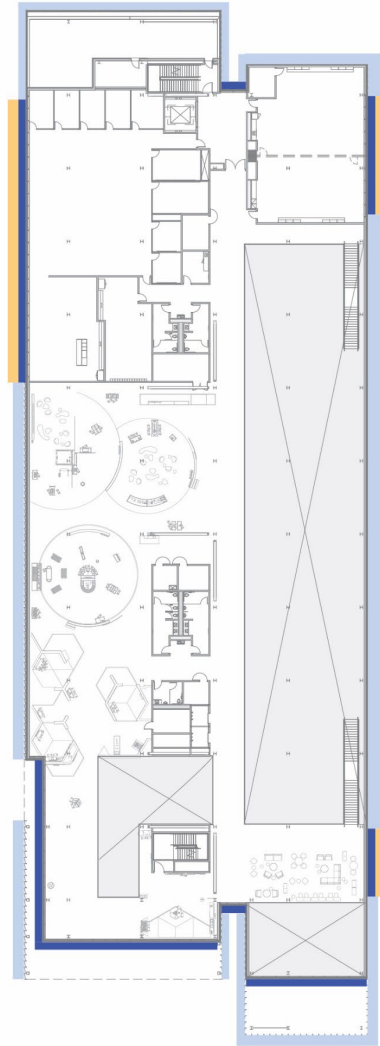




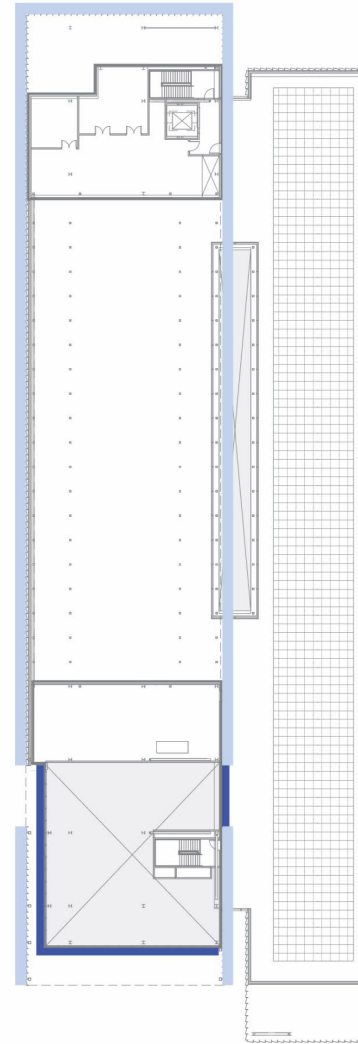




Level 1



Level 2

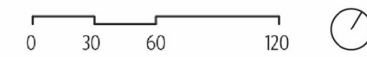


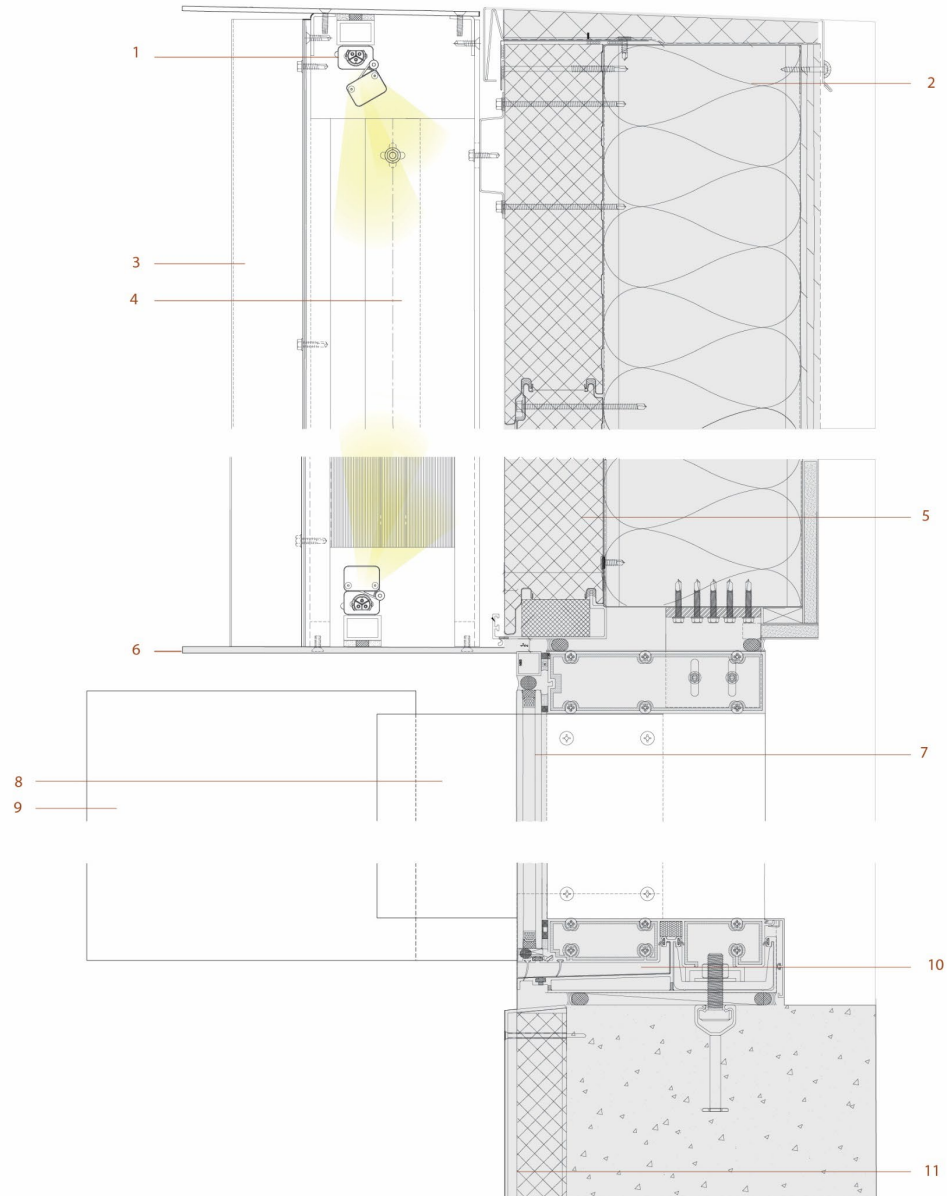
Roof

### Elements of the Façade

The exterior façade consists of three elements interacting with each other; the curtain wall, the metal panel, and the sunshades. The expression of each is dictated by the function happening within. Special focus was placed on maintaining views of the nearby river and landmarks, as well as keeping the window to wall ratio below 30%.

- Curtain Wall
- Metal Panel
- Sunshades





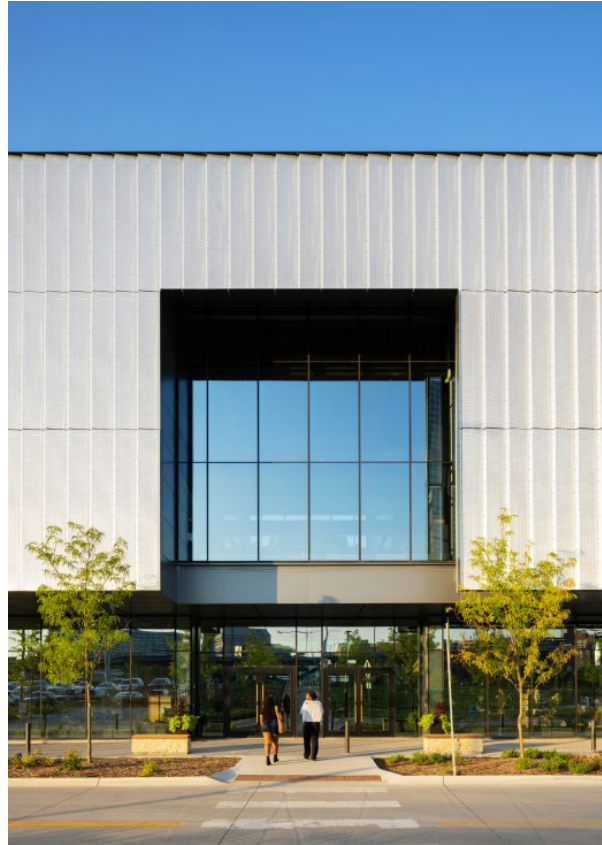
Façade Wall Section

- 1 Wall Wash Light Fixture
- 2 Metal Stud Framing
- 3 Perforated Formed Metal Panel
- 4 Adjustable T-Girt and Air Space
- 5 Insulated Metal Panel
- 6 Removable Aluminum Plate Trim
- 7 Insulated Glazing Unit
- 8 Sunshade Support Bracket
- 9 Perforated Sunshade
- 10 Sill Mullion
- 11 Insulated Stainless Steel Foundation Cover

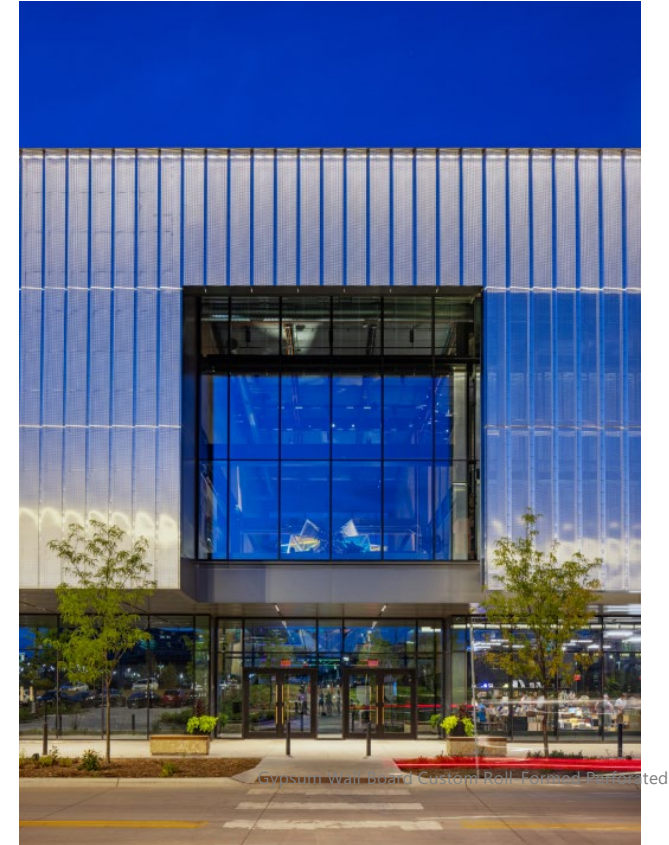




Main Entry Approach / 9 AM



Main Entry Approach / 5 PM

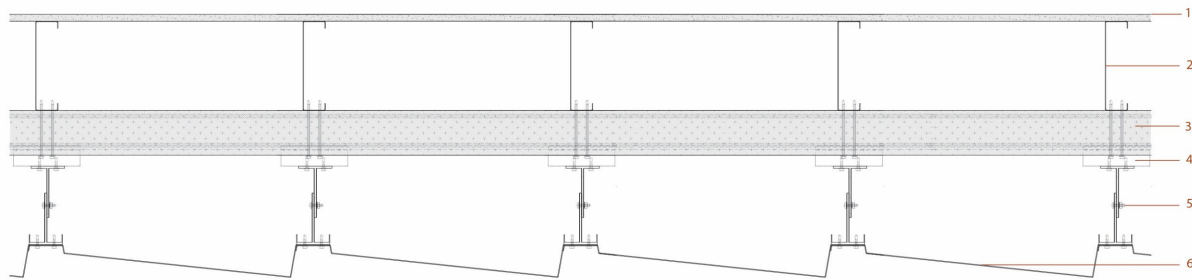


Main Entry Approach / 9 PM

Custom Roll-Formed Perforated

## Illumination Details

The gentle sawtooth pattern of the façade is a reference to the metal machine sheds of the Midwest, while also giving the façade an approachable softness. One face of each sawtooth panel is perforated to give the building a different appearance depending on the viewing angle. Behind the sawtooth veneer panel, there is a simple and economical building envelope consisting of insulated metal panels on metal stud framing. At night, the cavity between the envelope and the veneer metal panel is illuminated, serving as a beacon to draw people to this developing part of the city. Marine grade alloy allows the aluminum panels to be left untreated, and therefore will patina with time. This process will celebrate natural science and remove the need for exterior paint and maintenance.



- 1 Gypsum Wall Board
- 2 Metal Stud Framing
- 3 Insulated Metal Panel
- 4 Integrated Metal Panel Carrier Girt
- 5 Adjustable T-Girt
- 6 Custom Roll-Formed Perforated Metal Panel



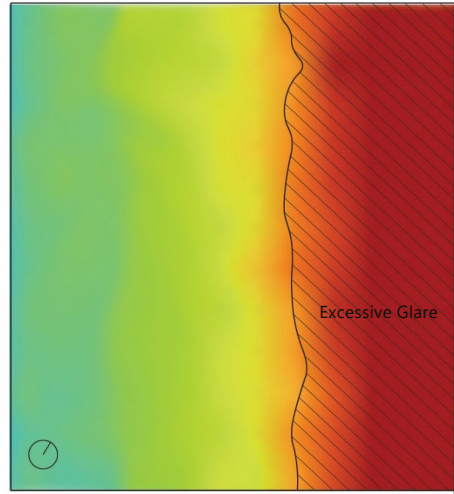
Detail of Wall-wash Light Visible Through Metal Panel Perforations



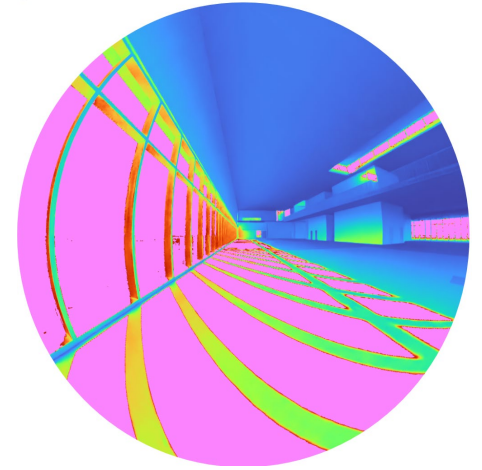


### Solar Shading

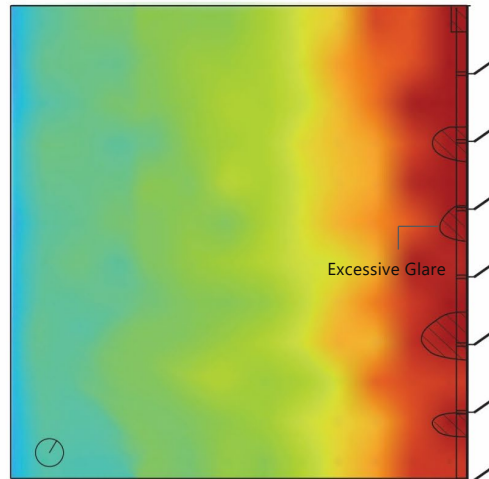
When views and light are beneficial, the aluminum sawtooth panels open to allow views out. These sunshades have been optimized, based on façade orientation, to eliminate glare in the main gallery space and remove the need for roller shades which would obscure sightlines to nearby landmarks. The perforation of the primary façade runs through the sunshades, visually tying the façade elements together.



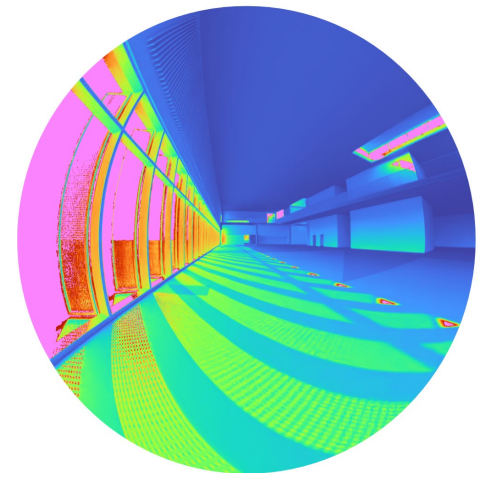
Plan Simulation Without Sunshade



Fisheye Simulation Without Sunshade



Plan Simulation With Sunshade

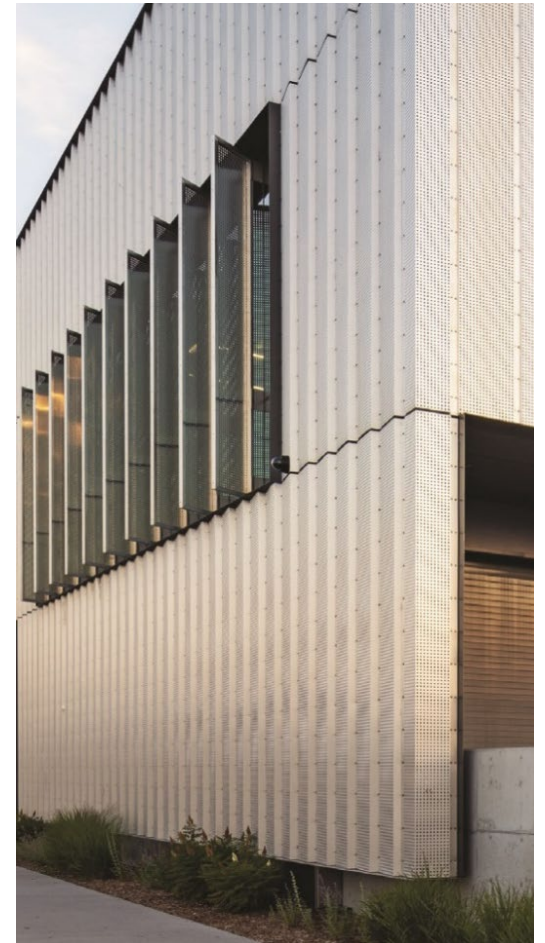


Fisheye Simulation With Sunshade





Vertical Sunshades at Second Level Office Suite



Custom Formed-corner Panels at Wall Termination







# Unbuilt Architecture Citation Award



**BRIDGE PARK :: PARK BRIDGE 23-318**

*Omaha, NE*

*BVH Architecture*



## A BRIDGE IN A PARK - A PARK IN A BRIDGE

The above statement captures the essence of the envisioned landscape that will project the ethos of the Heartwood Preserve.

The intention of the landscape is to be an immersive environment enriched by sensitively designed landscapes, and thoughtfully considered programming; the pedestrian bridge can be a congruent link to the green spaces abutting Pacific Street.

The **bridge::park** will be an immersive environment linking green spaces with a park that is a bridge and bridge that is a park.

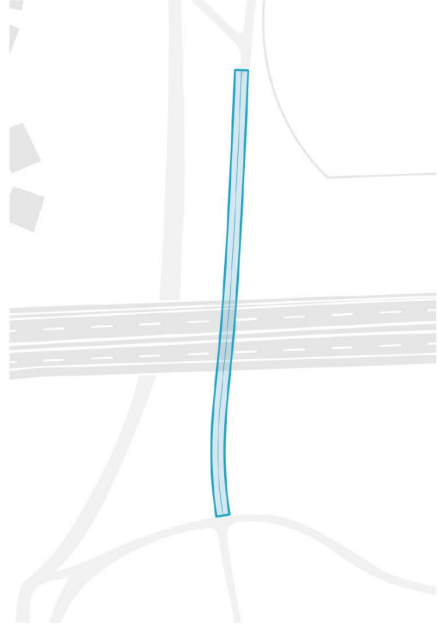




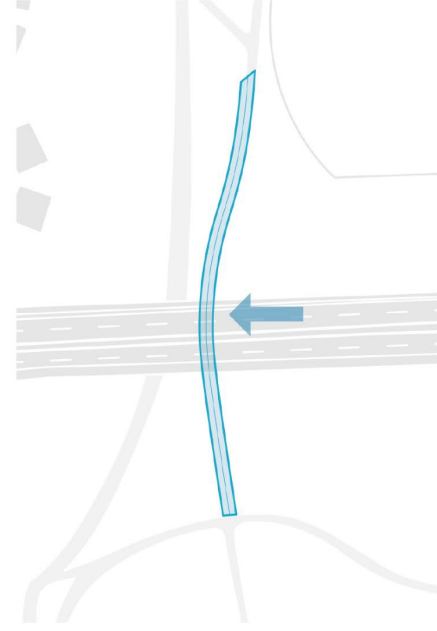
The **bridge::park** utilizes simple gestures to connect to the designed pathways and topography.

Circulation provides for accessible entry and exit points. Bikers can speed through the **bridge::park** and not put the safety of inhabitants or walkers in jeopardy.

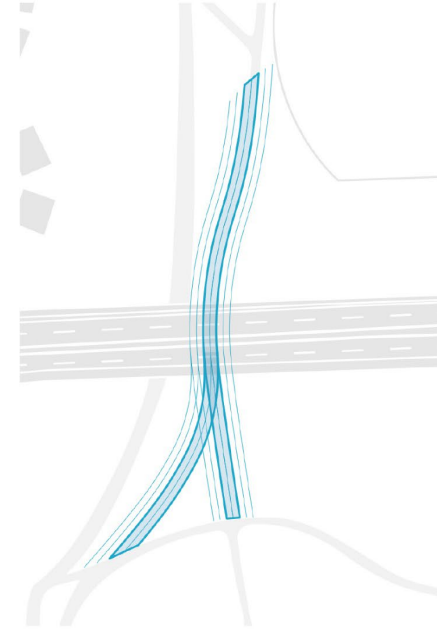
The space in between circulation routes is programmed with activities interlaced with vegetation, soft cape and hardscape.



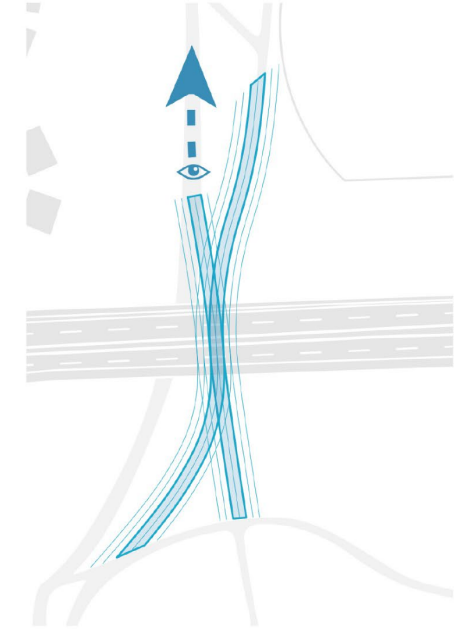
PROPOSED PATH



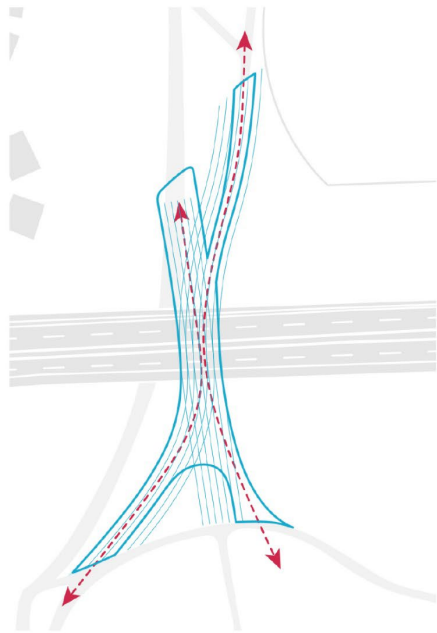
TOPOGRAPHY ACKNOWLEDGEMENT



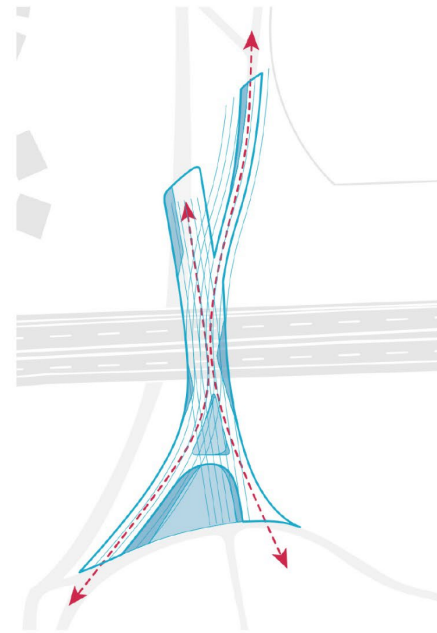
TOUCH POINT CONNECTION



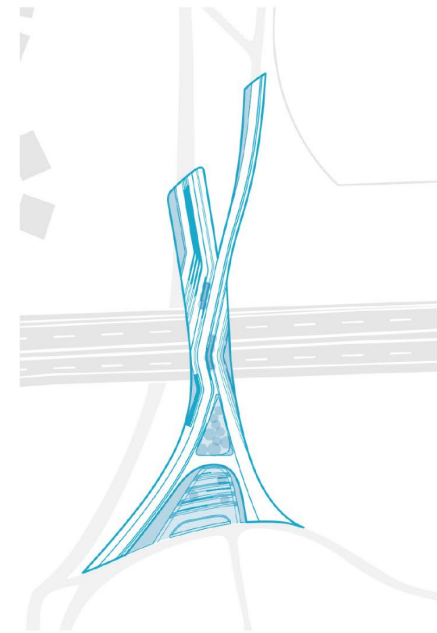
VIEW ORIENTATION



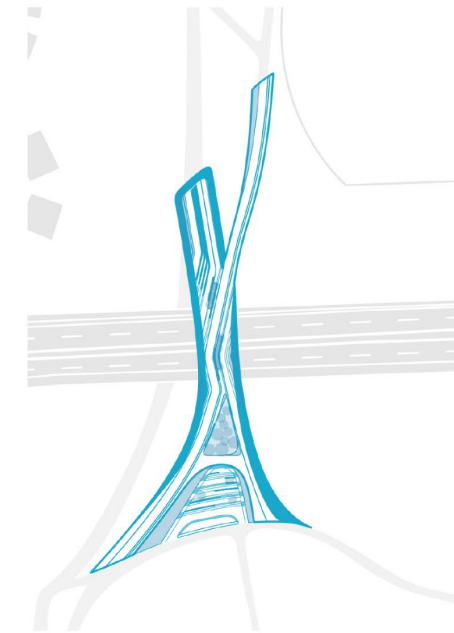
CIRCULATION



GREEN SPACE

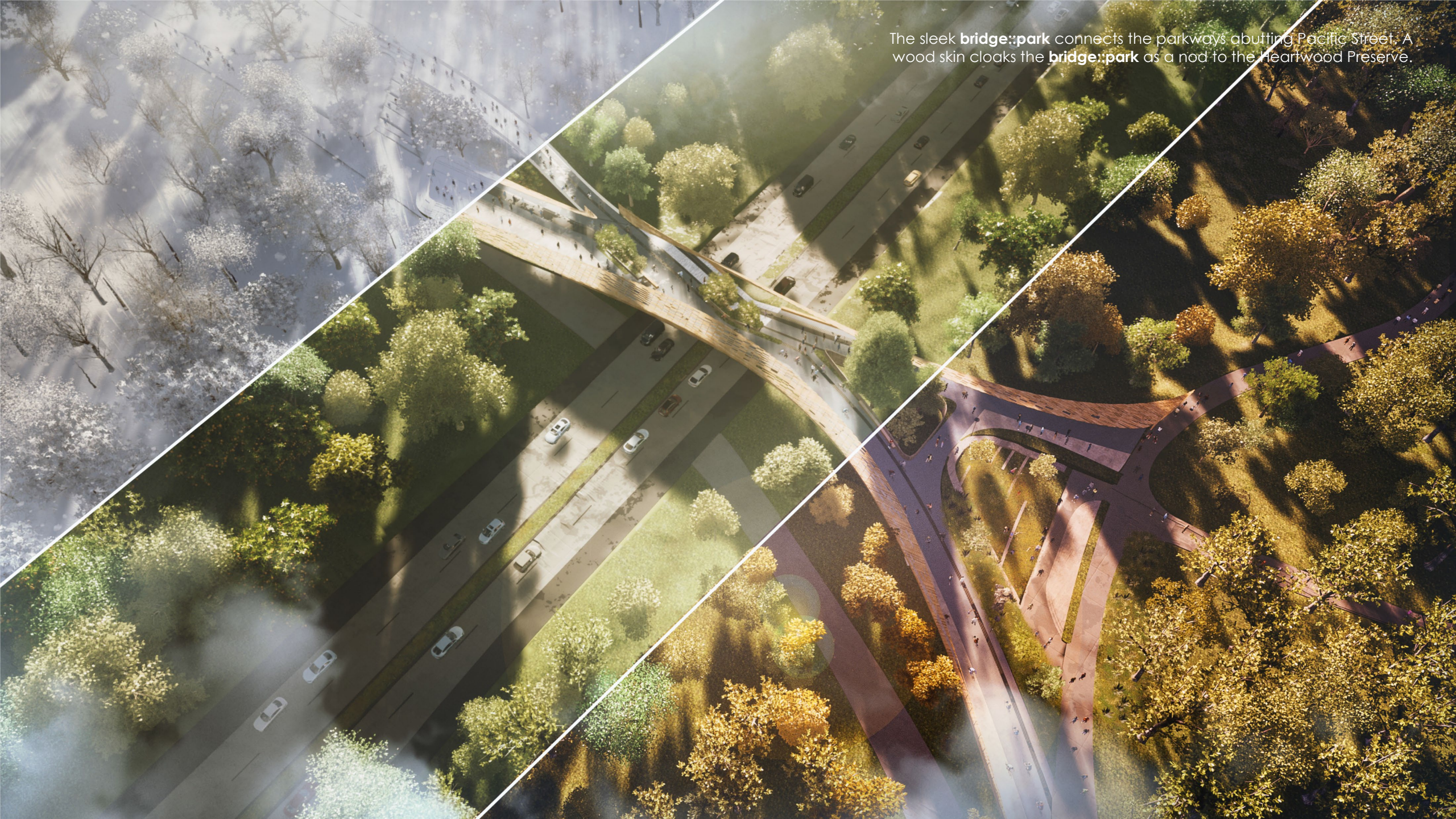


ACTIVITIES



SKIN MANIPULATION





The sleek **bridge::park** connects the parkways abutting Pacific Street. A wood skin cloaks the **bridge::park** as a nod to the Heartwood Preserve.

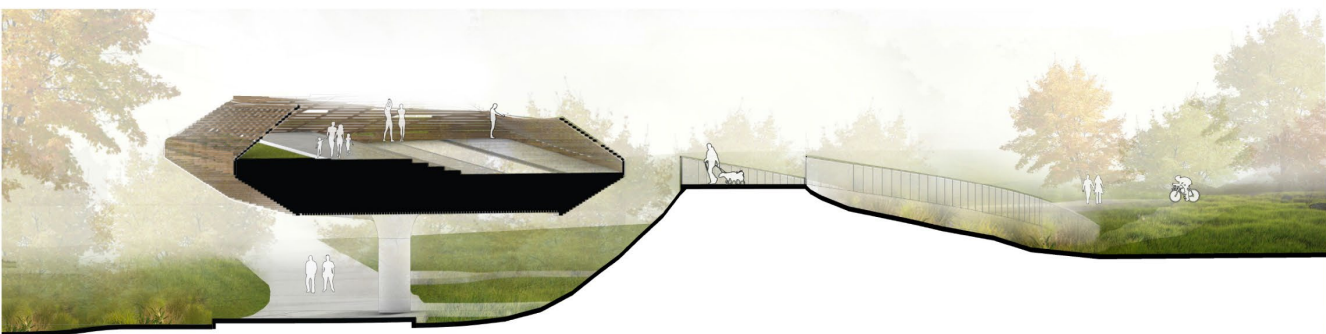




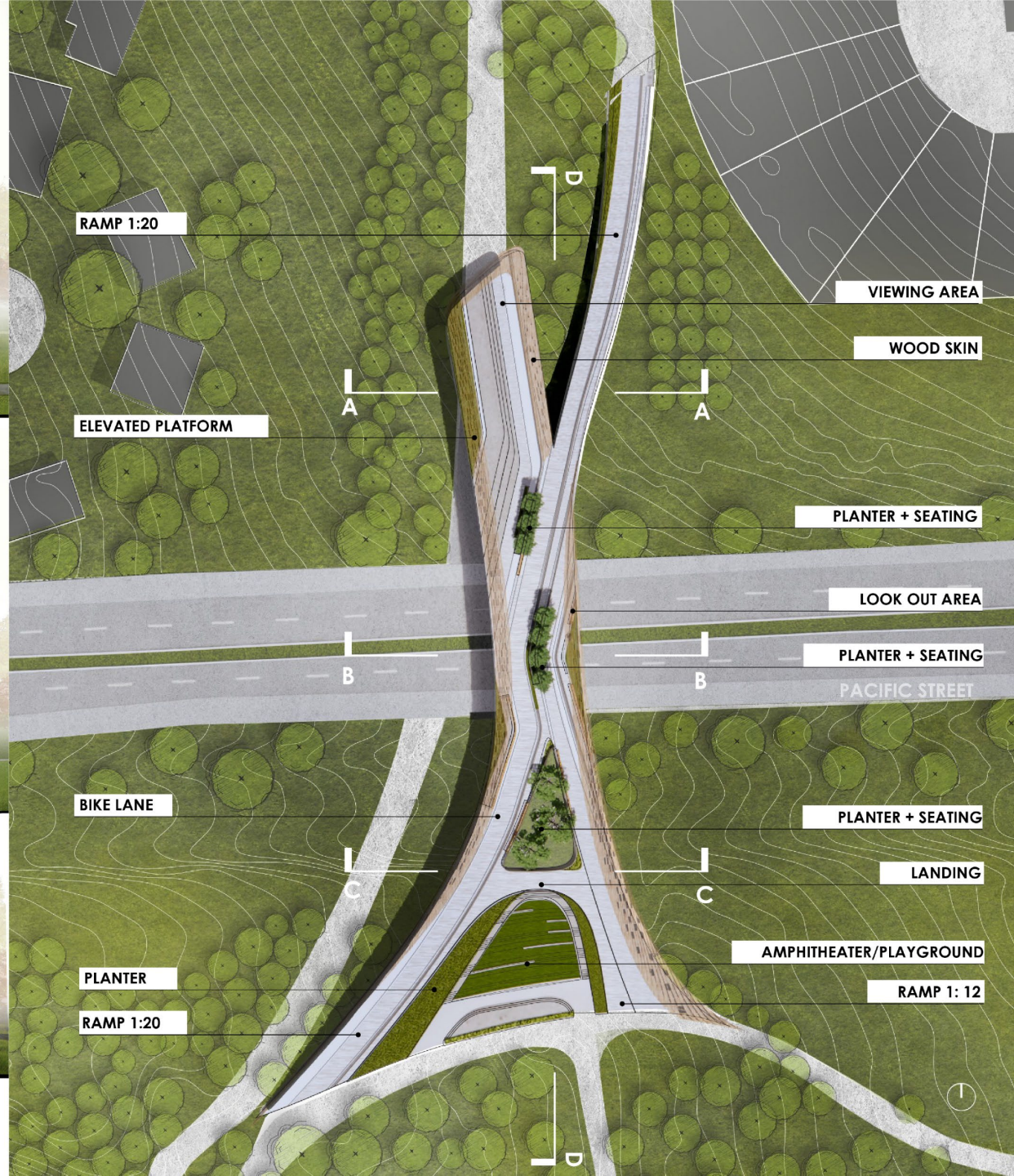
Section C-C



Section B-B

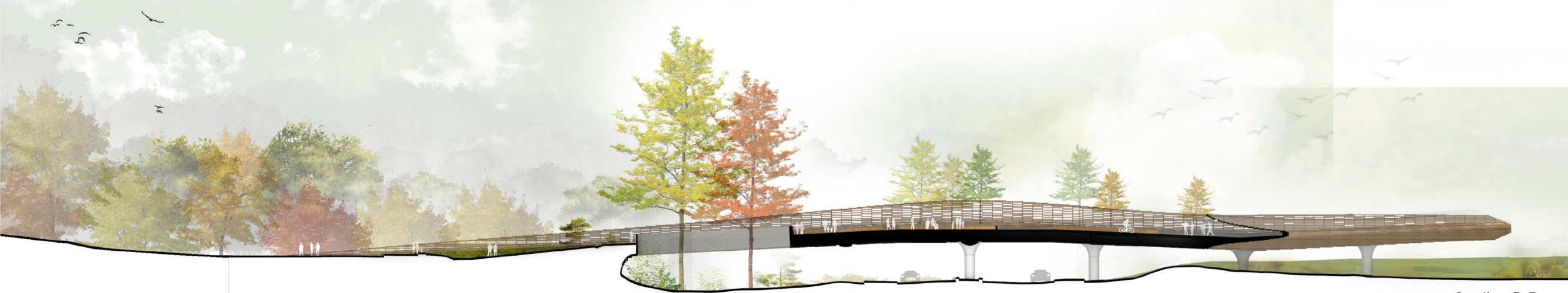


Section A-A





A continuous pathway from the Heartland Greenway gently rises in elevation for a graceful ascent. The adjacent area can be programmed as a playground or as shown, an earthen amphitheater.



Section D-D





The immersive bridge environment allows people to play, inhabit or circulate on the bridge. The wood skin transforms the experience—becoming more open from within the **bridge::park**.





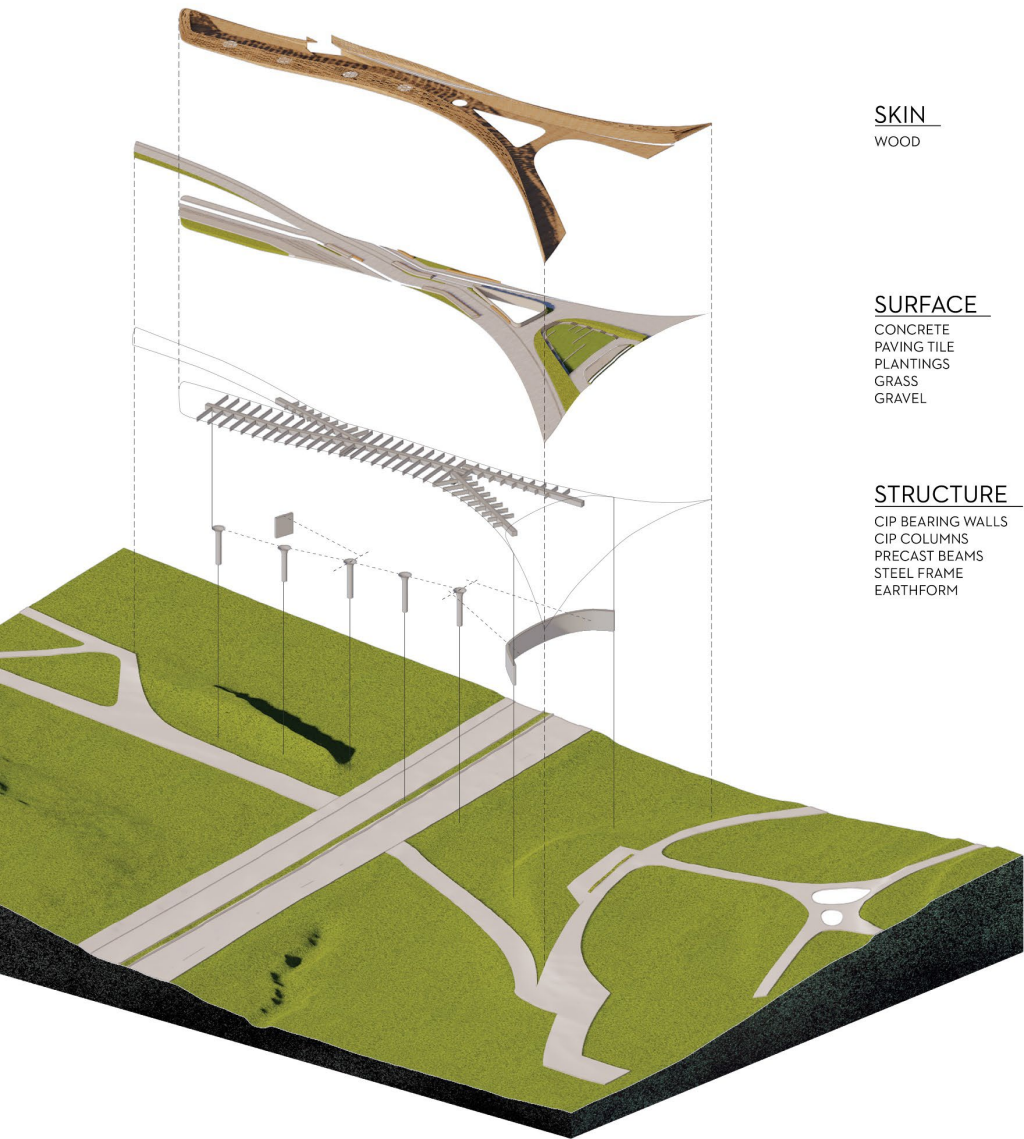
The experience on the bridge is intentionally dynamic, offering several programmatic possibilities. One of those is a safe green space to play.



The approach from the north provides a graceful, accessible entrance to the bridge park. A dramatic cantilevered look-out projects into the tree canopy.



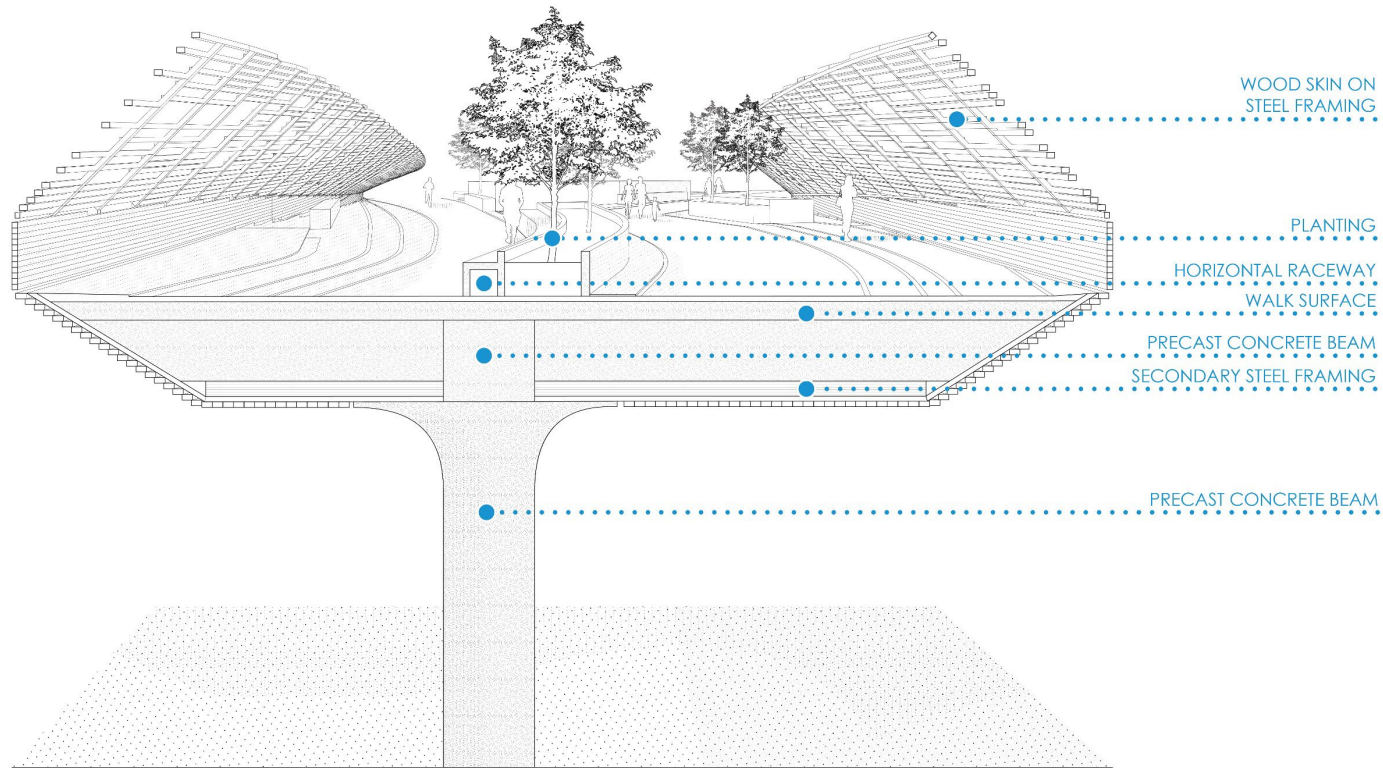




SKIN  
WOOD

SURFACE  
CONCRETE  
PAVING TILE  
PLANTINGS  
GRASS  
GRAVEL

STRUCTURE  
CIP BEARING WALLS  
CIP COLUMNS  
PRECAST BEAMS  
STEEL FRAME  
EARTHFORM



WOOD SKIN ON  
STEEL FRAMING

PLANTING

HORIZONTAL RACEWAY  
WALK SURFACE

PRECAST CONCRETE BEAM  
SECONDARY STEEL FRAMING

PRECAST CONCRETE BEAM

The **bridge::park** integrates with the current pathway design while providing options for different uses. Applicable codes and agency requirements have been considered to meet bridge design standards.

Structural considerations preference readily-available precast concrete shapes for efficiency in cost and erection. Secondary steel framing and durable walkway surfaces compose the form-giving wood skin.









# Unbuilt Architecture Merit Award



23-306 Deadend Viaduct  
Goodlife Architecture  
Hastings Nebraska  
Owner withheld





In 1936, a public works project was completed in the sleepy train town of Hastings, Nebraska. Although it wouldn't be mistaken for the Brooklyn Bridge, the concrete piers of the new Highway 281 viaduct had a subtle elegance to their form, and allowed vehicles to soar over one of the nation's busiest railroads when entering Hastings from points north. Eighty-five years later the highway had been moved and the once great crossing had not been maintained, to the point that City officials decided to have it demolished.



**Existing Conditions**



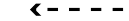
ce rerouted, many locals still  
ctor - and a key (unofficial)  
n. So when a remaining section of  
le awaiting demolition permissions  
l of citizens asked our firm to







W 16th Street



N Kansas Ave



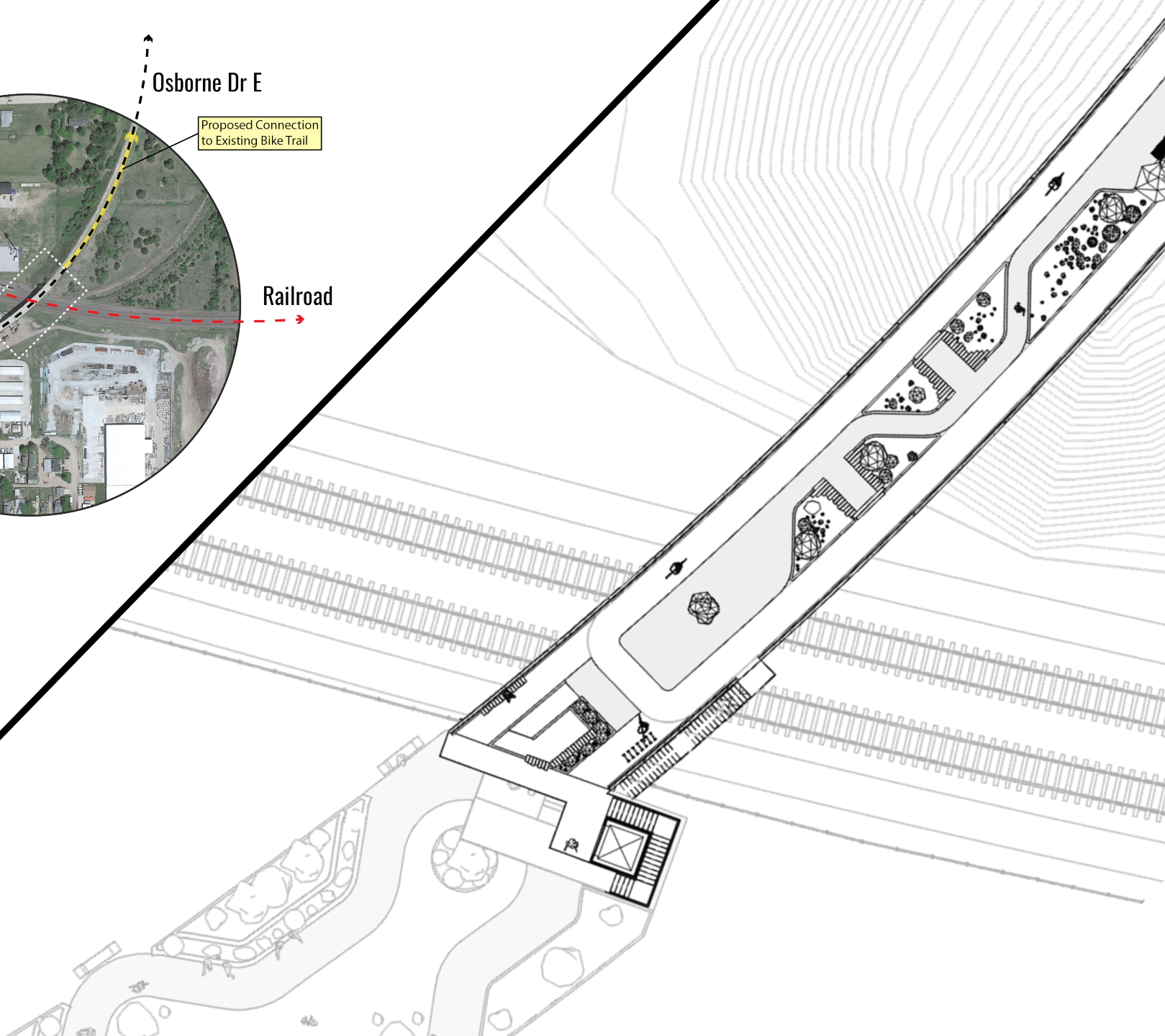
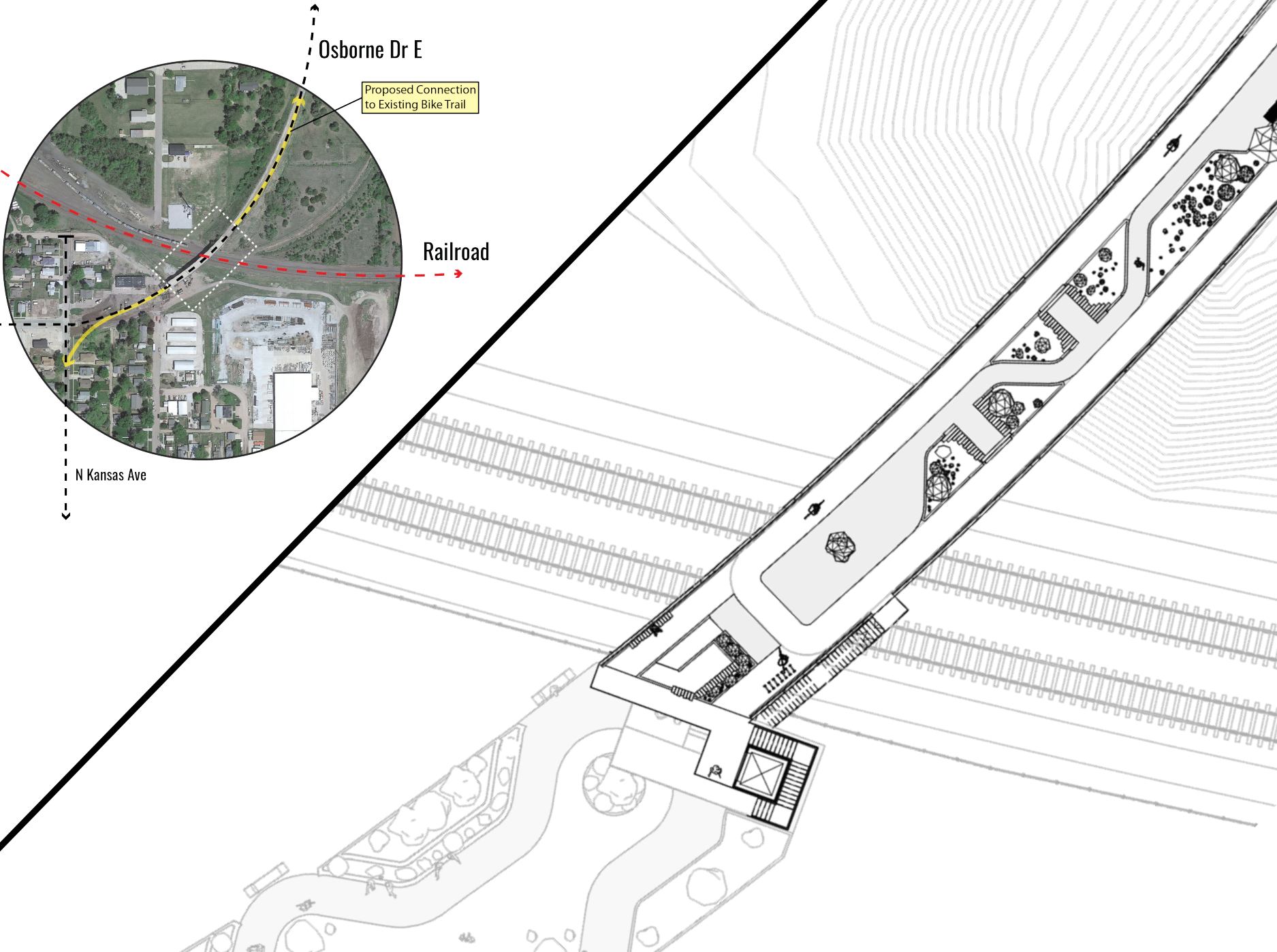
Osborne Dr E

Proposed Connection  
to Existing Bike Trail

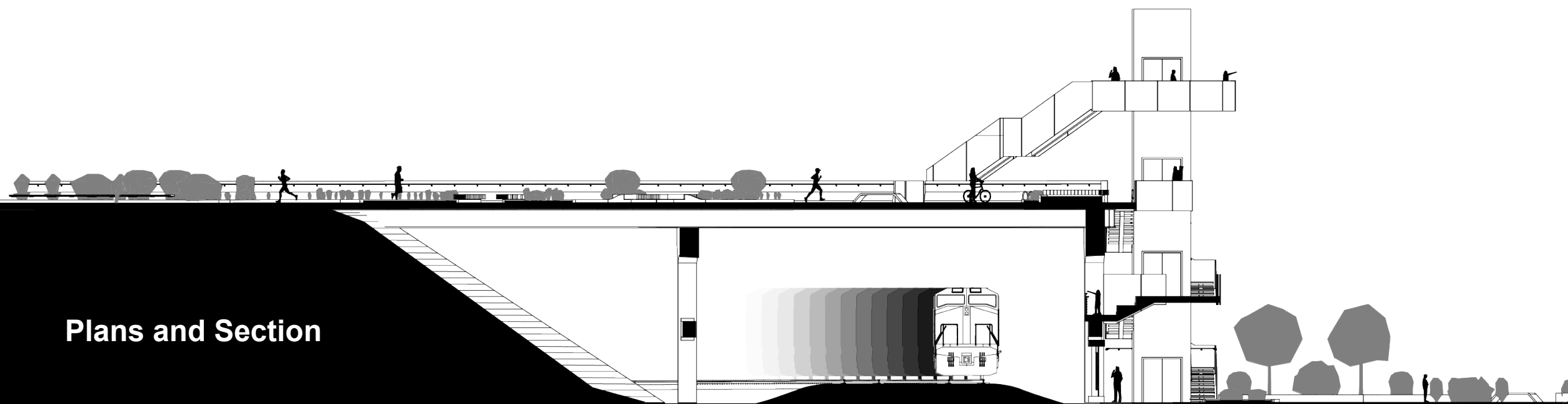
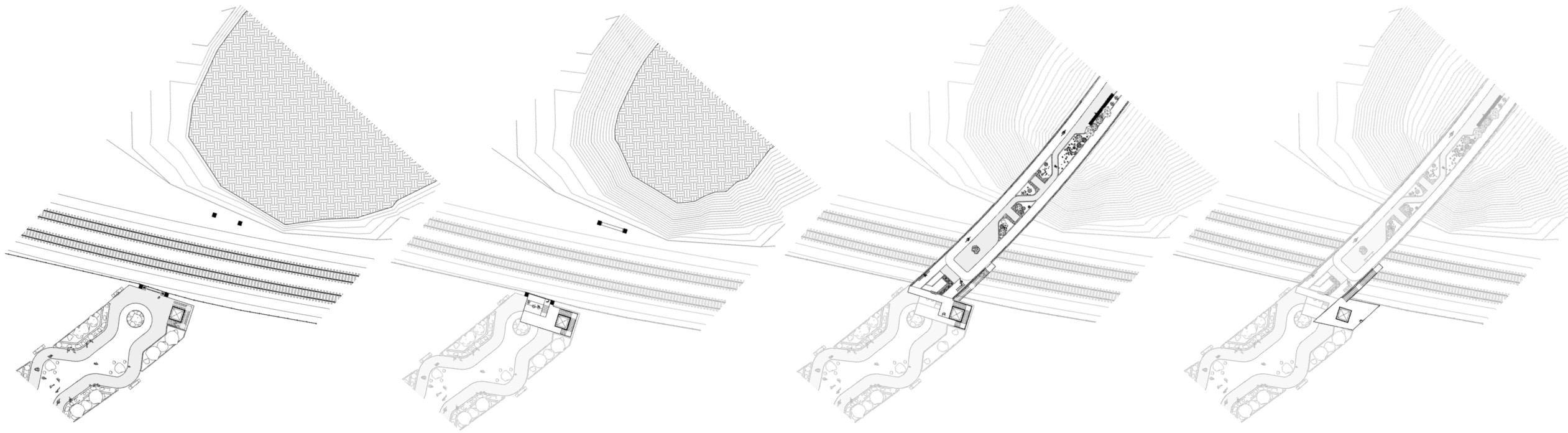
Railroad



## Vicinity and Context







Plans and Section



s and cyclists follow the viaduct's curved  
terminating at a vertical tower. Ascending, one is  
tst prairie horizon - a special treat at sunrise and





between the bridge and the tracks, a lower-deck  
moment of respite for joggers and serves as a  
surprising number of enthusiasts - local and



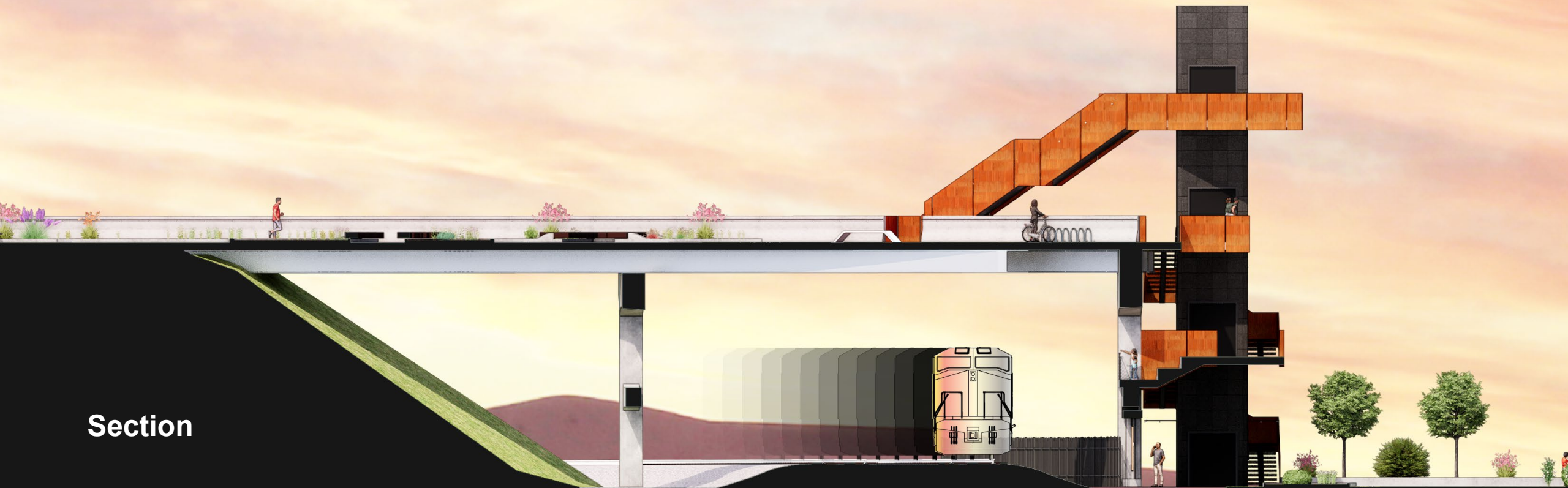




Trail Amenities



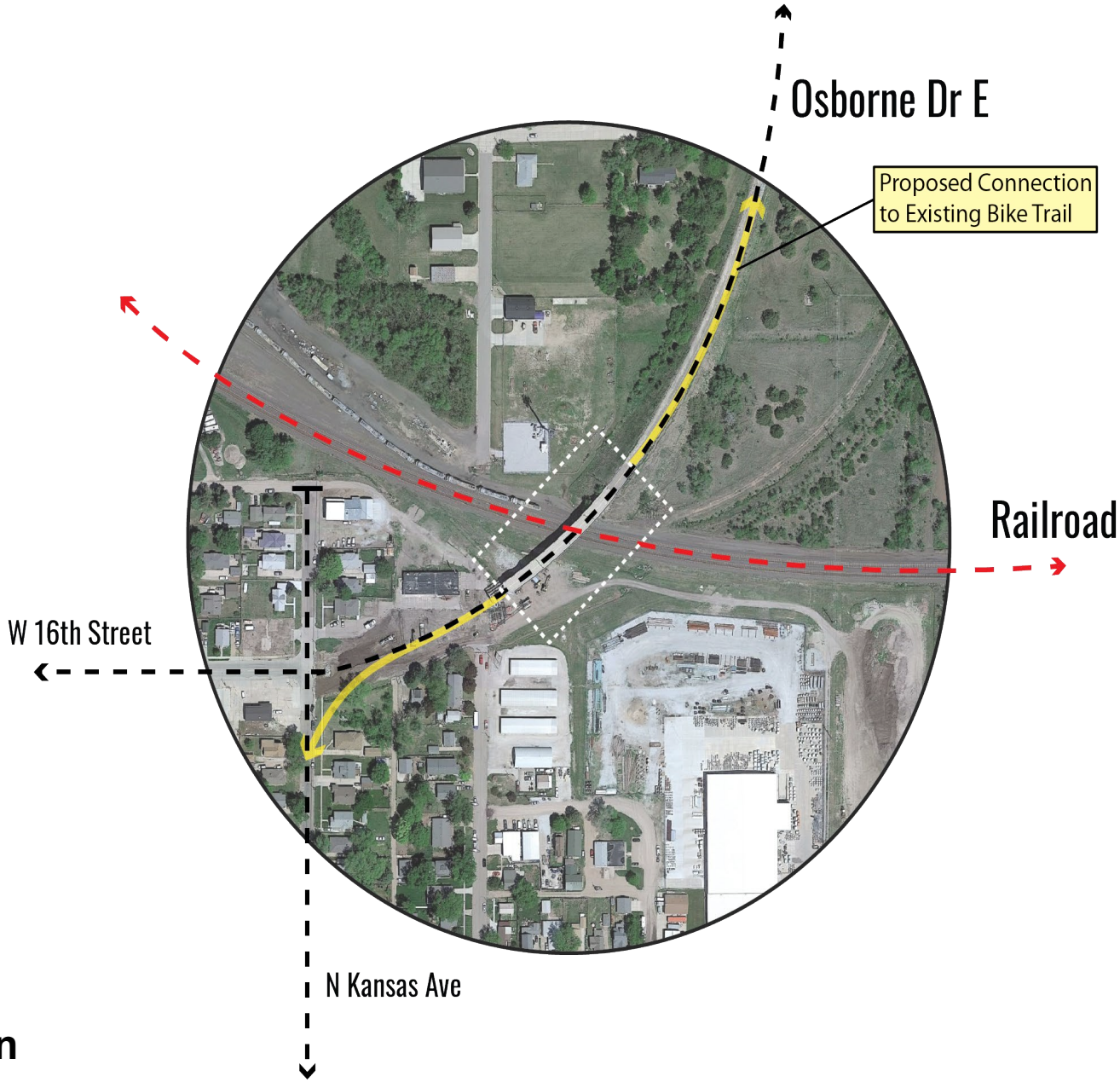
At the tower's base, travelers interpret the enormity of the diesel engines from a short distance below the track at grade, and are free to continue their trek into the town center via a native-planted nature path, tracing the line of the formerly overhead bridge to a 5-point intersection of the City's municipal trail system.



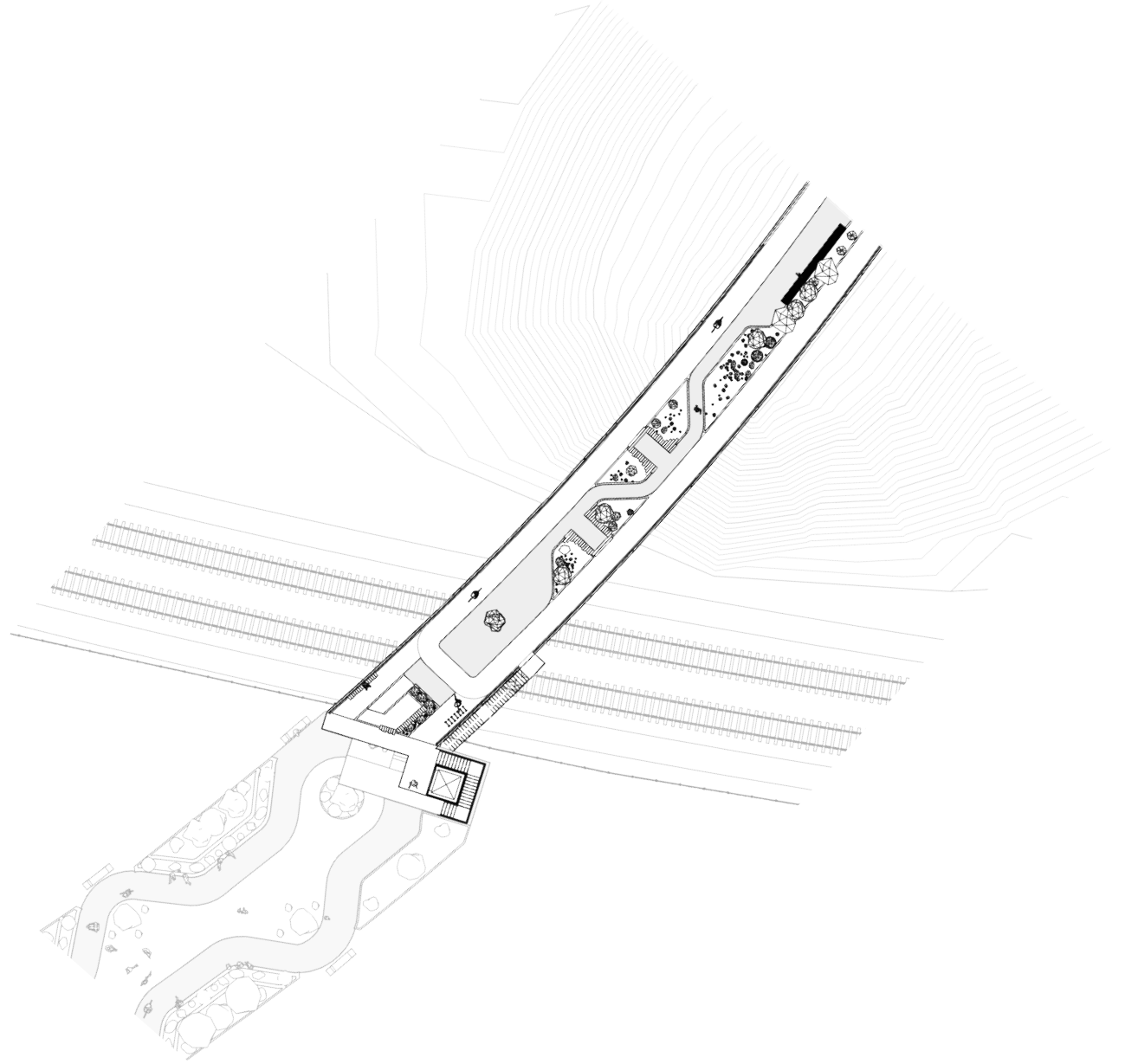
Section



**Site Context Plan**







**Floor Plan**





# Unbuilt Architecture Honor Award



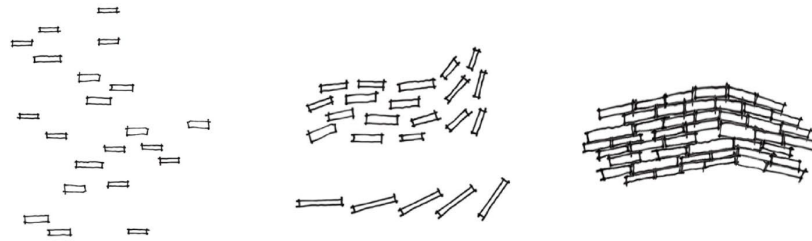
**23-316 Omaha Central Library**

HDR w/ Alley Poyner Macchietto Architecture

Omaha, NE

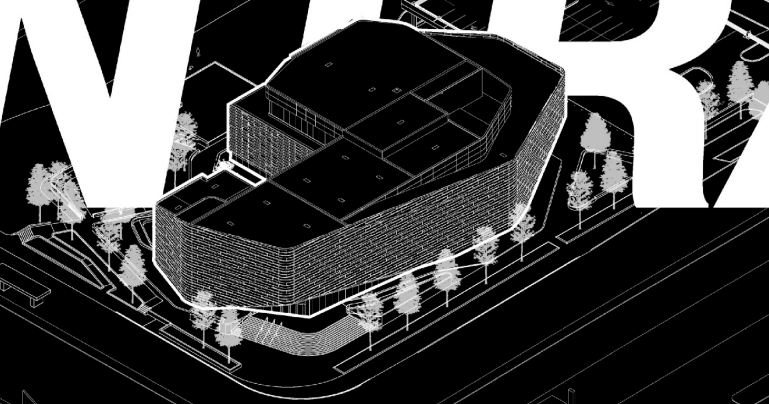
Heritage Omaha

Kiewit





# CENTRAL

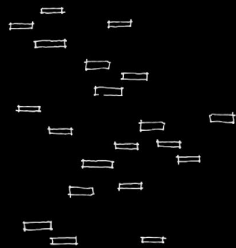
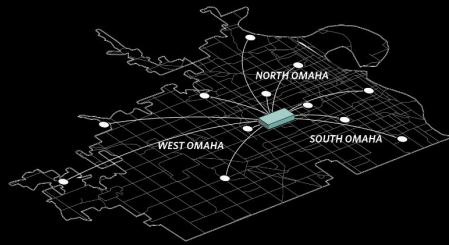




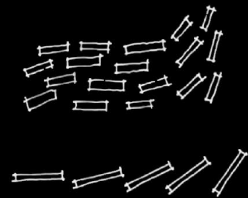
## ORGANIC ASSEMBLY

Community, Flock, Gather

It was once said that "the downtown is the heart of a city, but neighborhoods are its soul." 72nd and Dodge is part of Omaha's soul. It symbolizes many facets of our city's history: a crossroads, celebration, protest, innovation, repurposing, and rebirth. The site has gone lifeless several times, most recently when the Borders bookstore closed. But it was reborn by the transformational Do Space. The 72 and Dodge site has its own kind of kinetic energy—informed, perhaps, by the dichotomy between its past and its potential. This new building and its program will impel a new future that influences the greater urban fabric of its surroundings.



COMMUNITY



FLOCK

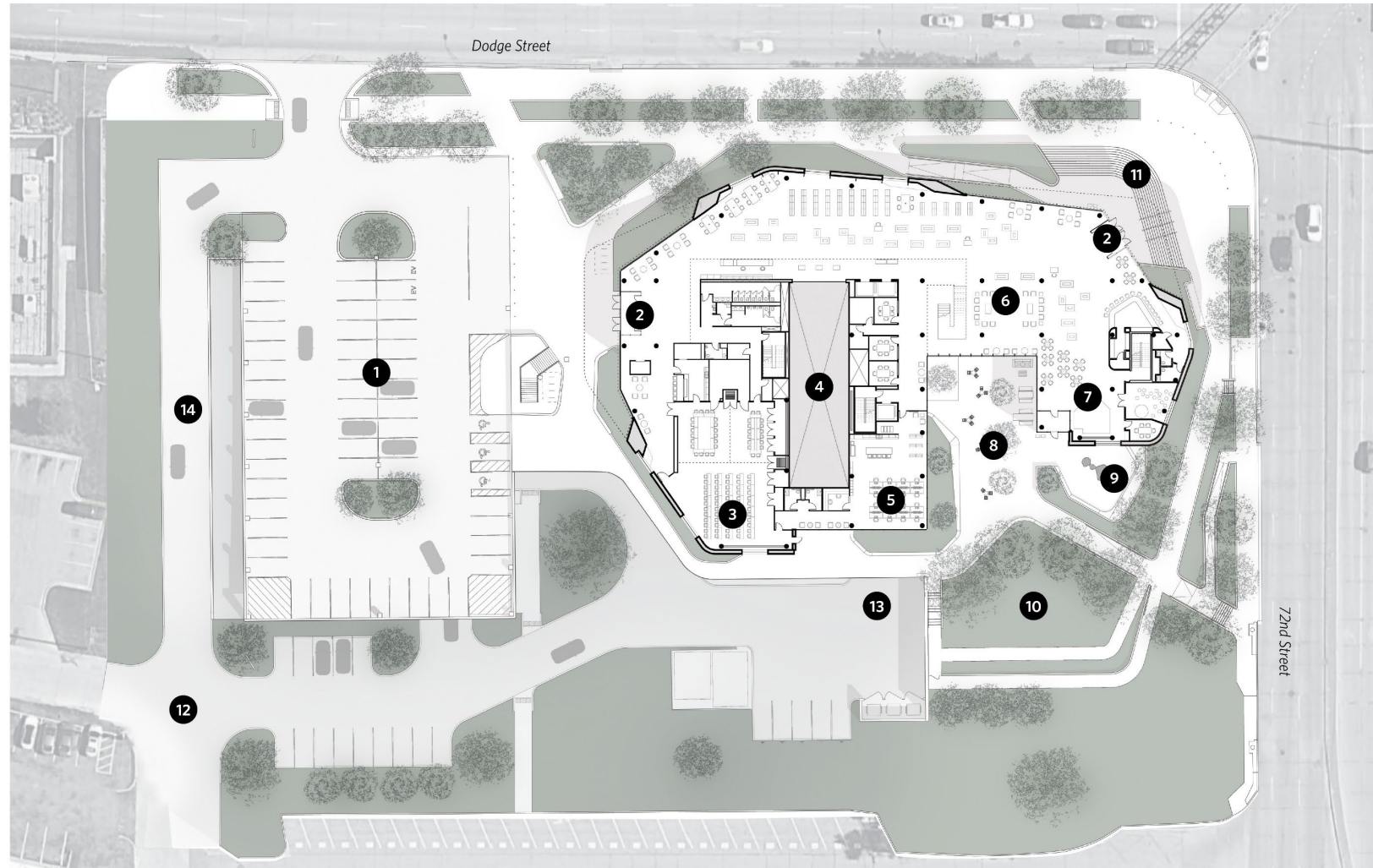


GATHER





Omaha, NE 41°15'32.15"N, 96°1'28.89"W



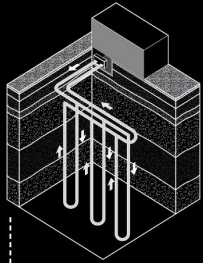
**LEGEND**

- 1 Parking Deck
- 2 Entry
- 3 Community Room
- 4 ASRS
- 5 Staff
- 6 Cultural Commons
- 7 Cafe
- 8 Courtyard
- 9 Children's Activity Yard
- 10 Open Lawn
- 11 Grand Civic Stair
- 12 Douglas St. Entrance
- 13 Loading Dock
- 14 Ramp to Lower Parking

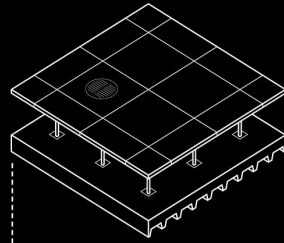




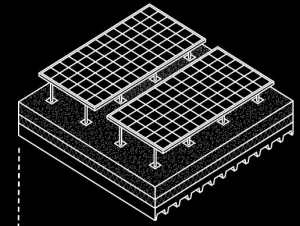




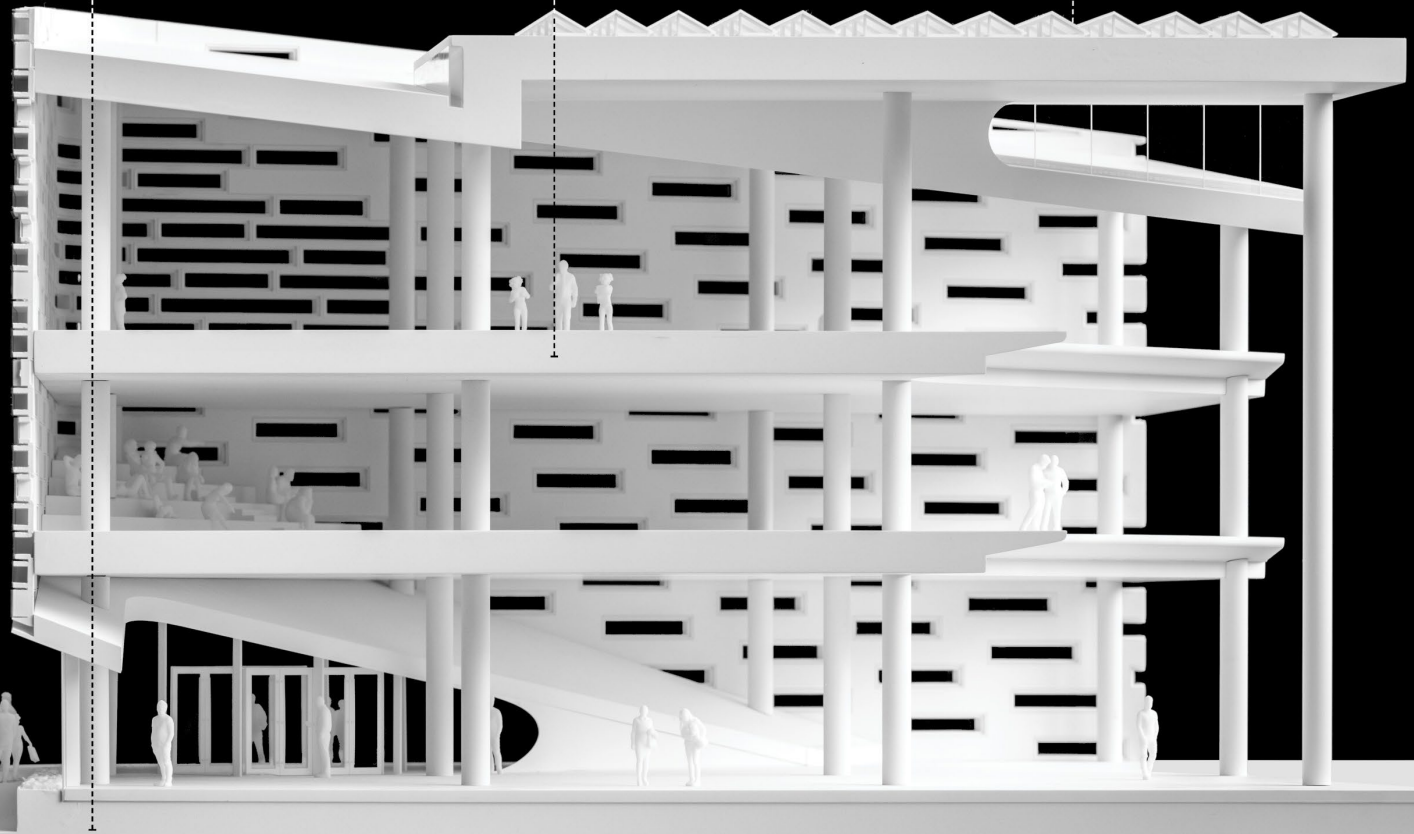
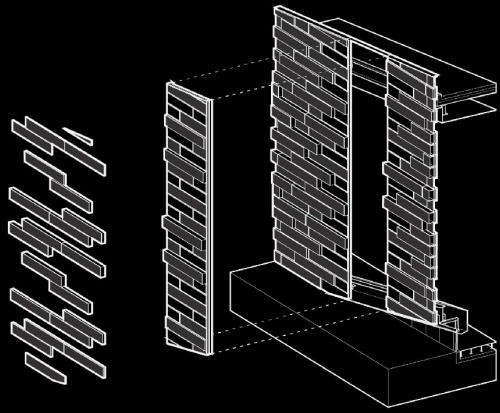
Geothermal Heat Pump



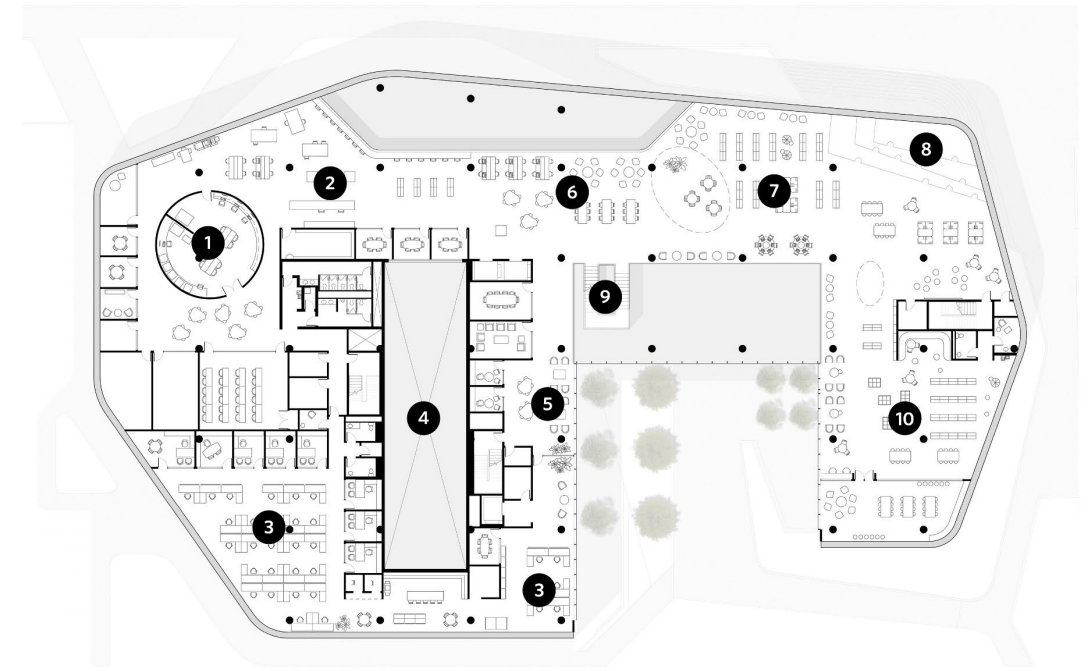
Raised Floor



Photovoltaic Panels







- |                     |                         |
|---------------------|-------------------------|
| 1 Tech Space        | 6 Young Adults          |
| 2 Do Space          | 7 Children's Department |
| 3 Staff             | 8 Reading Pit           |
| 4 ASRS              | 9 Central Stair         |
| 5 Community Partner | 10 Manipulative Play    |



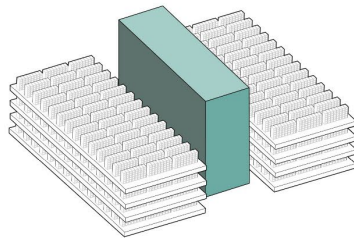




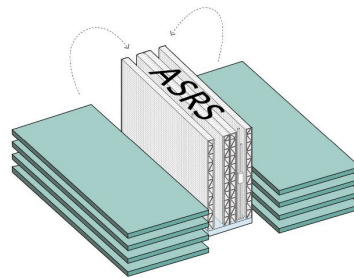
## A CENTRALIZED CENTER

Learning, Storage, Administration

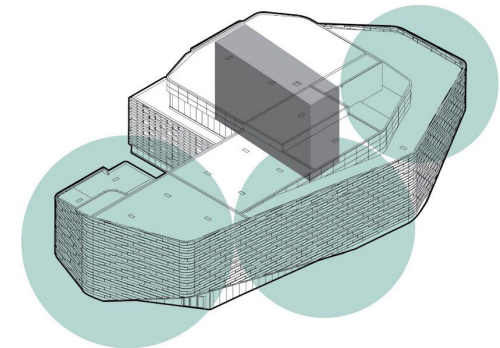
The Omaha Central Library employs a **collections hub** approach that will serve every OPL branch through the use of an **Automated Storage and Retrieval System (ASRS)**. This storage system increases book and material storage and opens up square footage for additional community space.



1 Distributed storage program distribution



2 Concentrated storage system maximizes open space



3 Library adopts centralized model to increase storage and provide supplementary community space









OMA PUBLIC LIBRARY





# Interior Architecture Citation Award



23-216 WP ENGINE, TENANT IMPROVEMENT  
ALLEY POYNER MACCHIETTO ARCHITECTURE  
1229 MILLWORK AVE, SUITE 301 OMAHA, NE 68102  
WP ENGINE & BLACK DOG MANAGEMENT





ACTIVE COMMONS (ENTRY FLOOR)



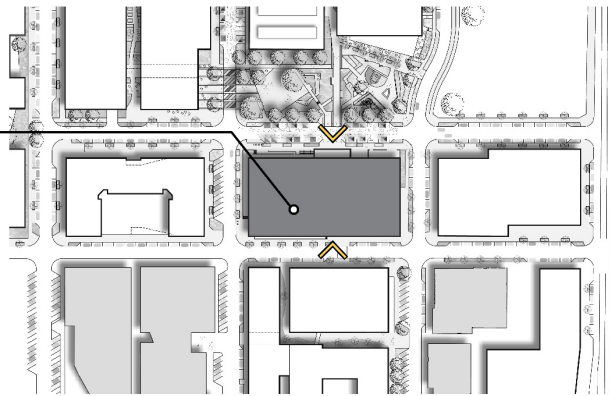


RECEPTION / ACTIVE COMMONS





THIRD &  
FOURTH  
FLOORS

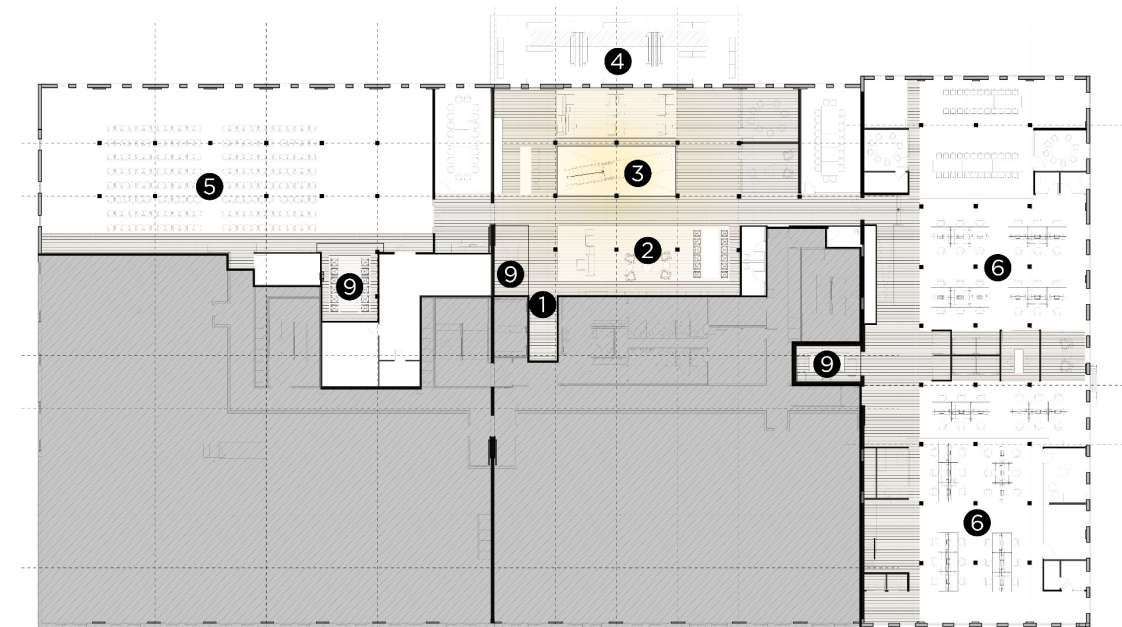


SITE PLAN

- 1 RECEPTION
- 2 ACTIVE COMMONS SEATING
- 3 FEATURE STAIR
- 4 ROOF DECK
- 5 ALL HANDS
- 6 OPEN OFFICES
- 7 DINING
- 8 CATERING KITCHEN
- 9 VERTICAL CONNECTIONS



UPPER FLOOR



ENTRY FLOOR

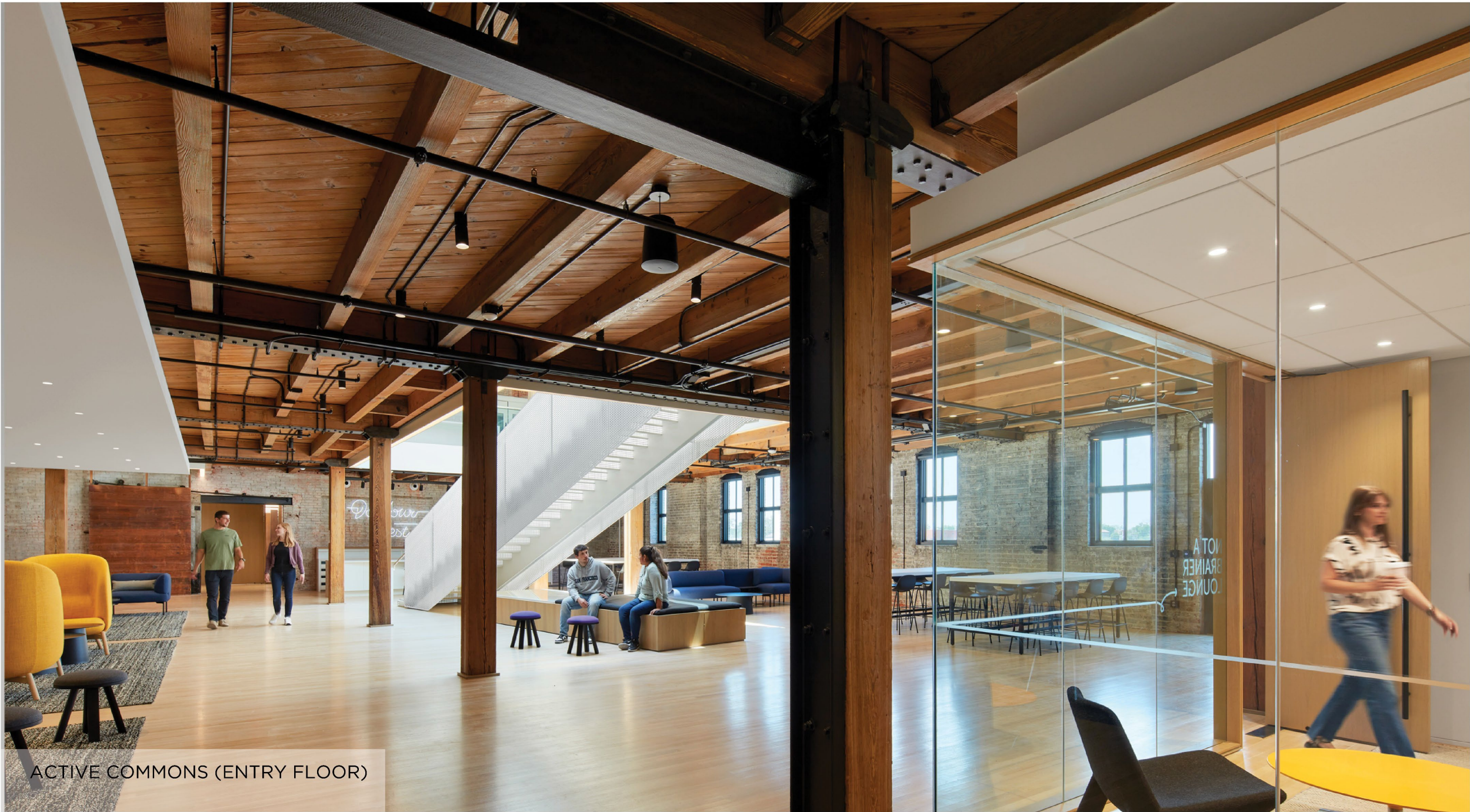




OPEN OFFICES







ACTIVE COMMONS (ENTRY FLOOR)





FEATURE STAIR





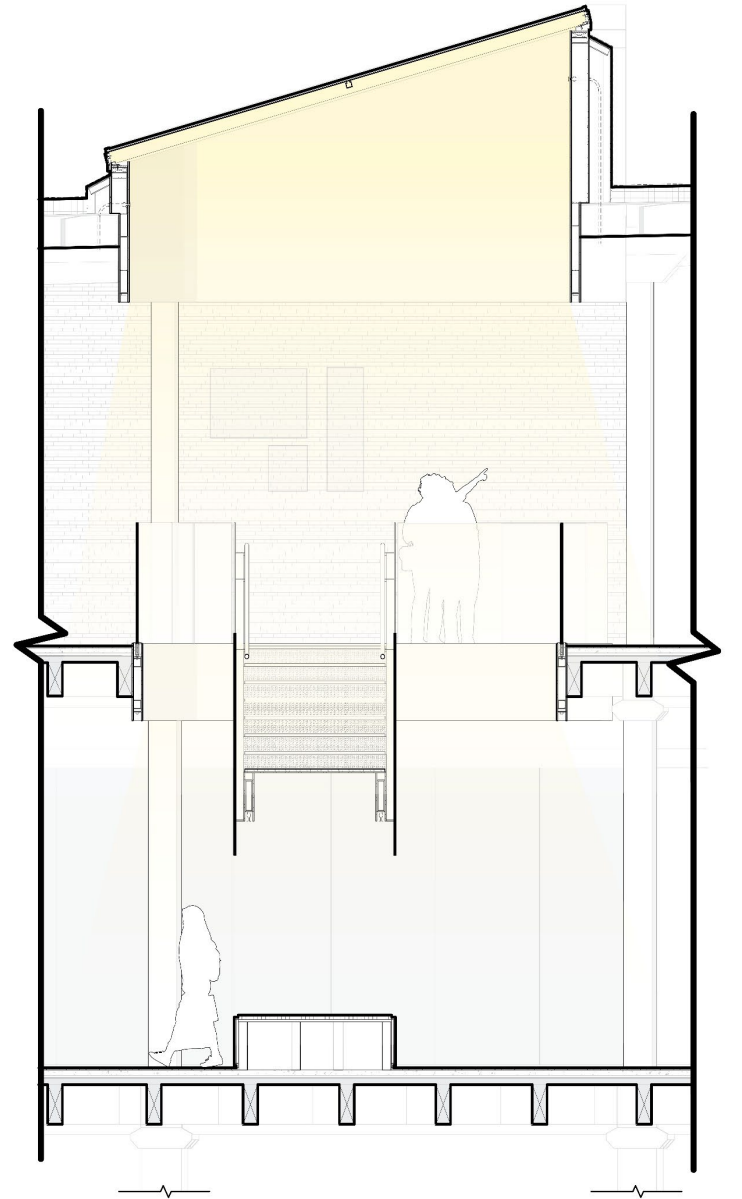


OFFICE POD





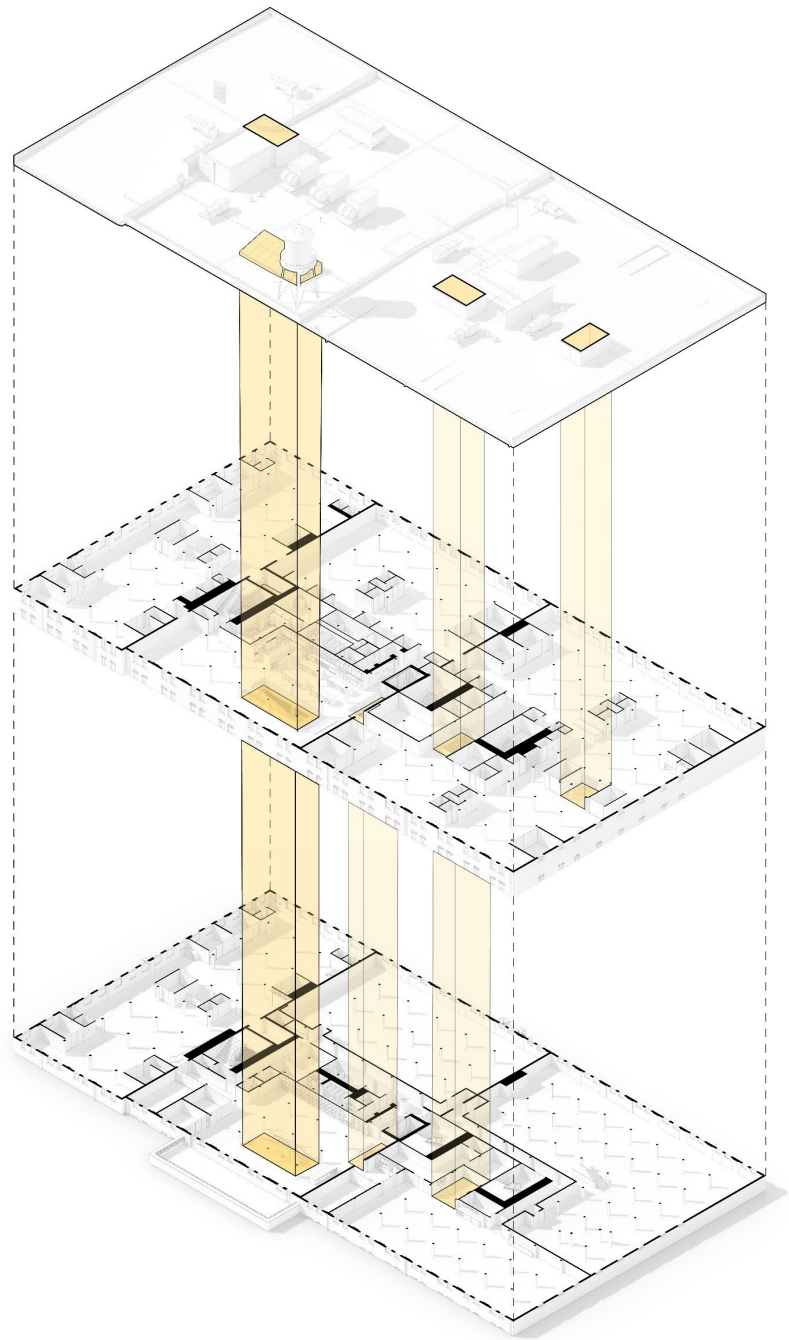
NEW OPENINGS







VERTICAL CONNECTIONS







ACTIVE COMMONS (UPPER FLOOR)





# Interior Architecture Citation Award



**Hubbard Center for Children**

23-207

HDR / Michael P. Hamilton

8200 Dodge Street, Omaha, NE 68114

Children's Hospital & Medical Center





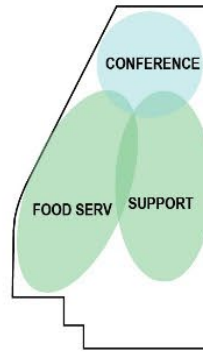
HUBBARD CENTER FOR CHILDREN



# PROGRAM DISTRIBUTION



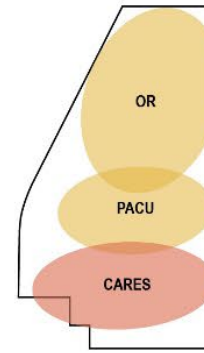
**CHILDREN'S  
HOSPITAL  
ADDITION**



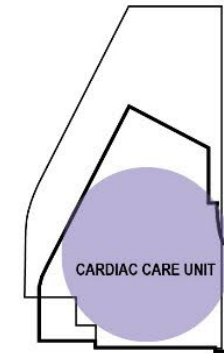
**LL3**  
ALL SHAPES+COLORS  
TOTAL 49,000 FT



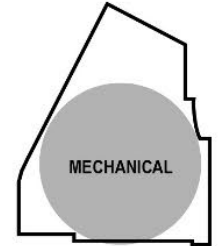
**LL1**  
ALL SHAPES+COLORS  
TOTAL 49,000 FT



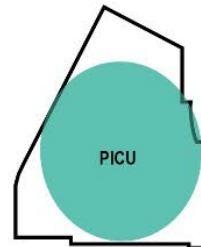
**L1**  
ALL SHAPES+COLORS  
TOTAL 49,000 FT



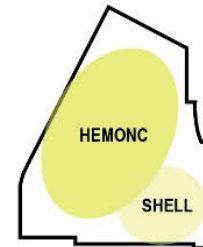
**L2**  
CIRLCES / PURPLE  
TOTAL 35,200 FT



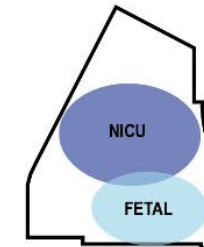
**L3**  
TOTAL 35,200 FT



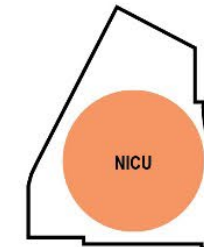
**L4**  
TRIANGLES / TEAL  
TOTAL 35,200 FT



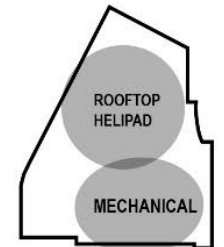
**L5**  
SQUARES / YELLOW  
TOTAL 35,200 FT



**L6**  
DIAMONDS / BLUE  
TOTAL 29,000 FT



**L7**  
HEXAGONS / ORANGE  
TOTAL 35,200 FT



**L8**  
TOTAL 35,200 FT

NORTH 84TH ST

WEST DODGE ST.

DODGE ST.





### REGISTRATION

The renovated Registration area is the transition point between new and existing. A curved wood ceiling element grounds the check-in sequence and colored baffles activate the circulation path.



### CIRCULATION

Colored baffles, reflective of patient floor colors, pull people through the space to the new center for children elevators. Shapes etched on glass introduce the wayfinding strategy and create subtle privacy for those waiting.



### WAITING

At the heart of the new Surgery Waiting space, a nourishment area with island, feature lighting, and textured wall tile create a modern waiting experience.



NEONATAL INTENSIVE CARE UNIT  
& FETAL CARE CENTER

6



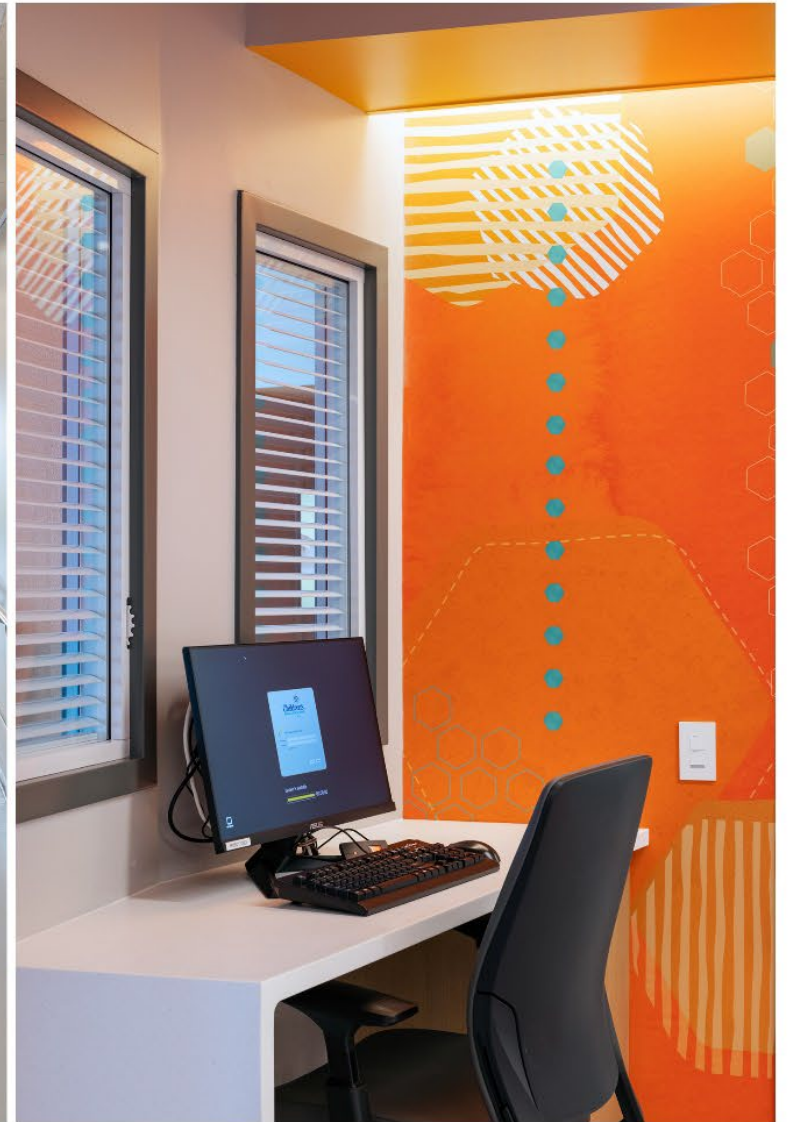




**2ND FLOOR CORRIDOR**



**5TH FLOOR CORRIDOR**



**7TH FLOOR CORRIDOR DETAIL**

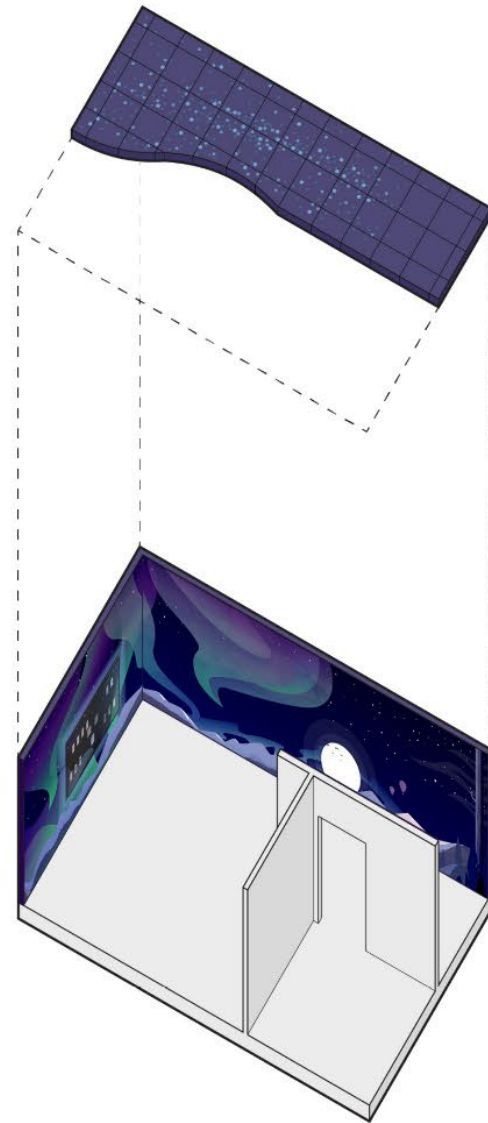




3

2





### ULTRASOUND ROOM

An immersive experience inspired by the Northern Lights was formed with custom wall graphics and colored ceiling with fiberoptic lighting. All work in tandem to create positive distraction for the small patients.







# FAMILY LOUNGE







# Architecture Citation Award



23-123 **MAVERICK PARK**  
HDR | GREAT PLAINS STUDIO  
OMAHA, NE  
UNIVERSITY OF NEBRASKA OMAHA

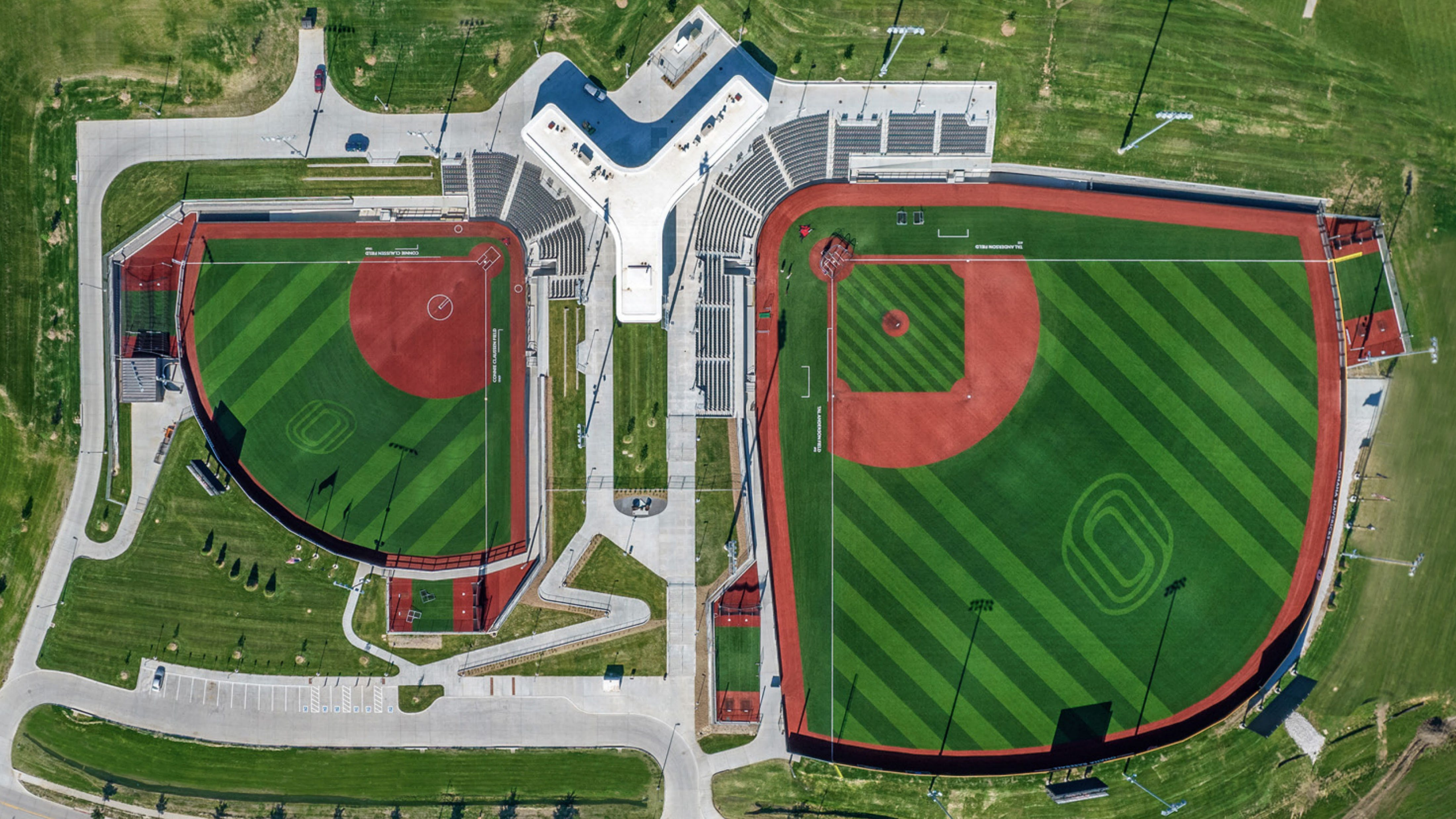


GENDER **EQUITY**

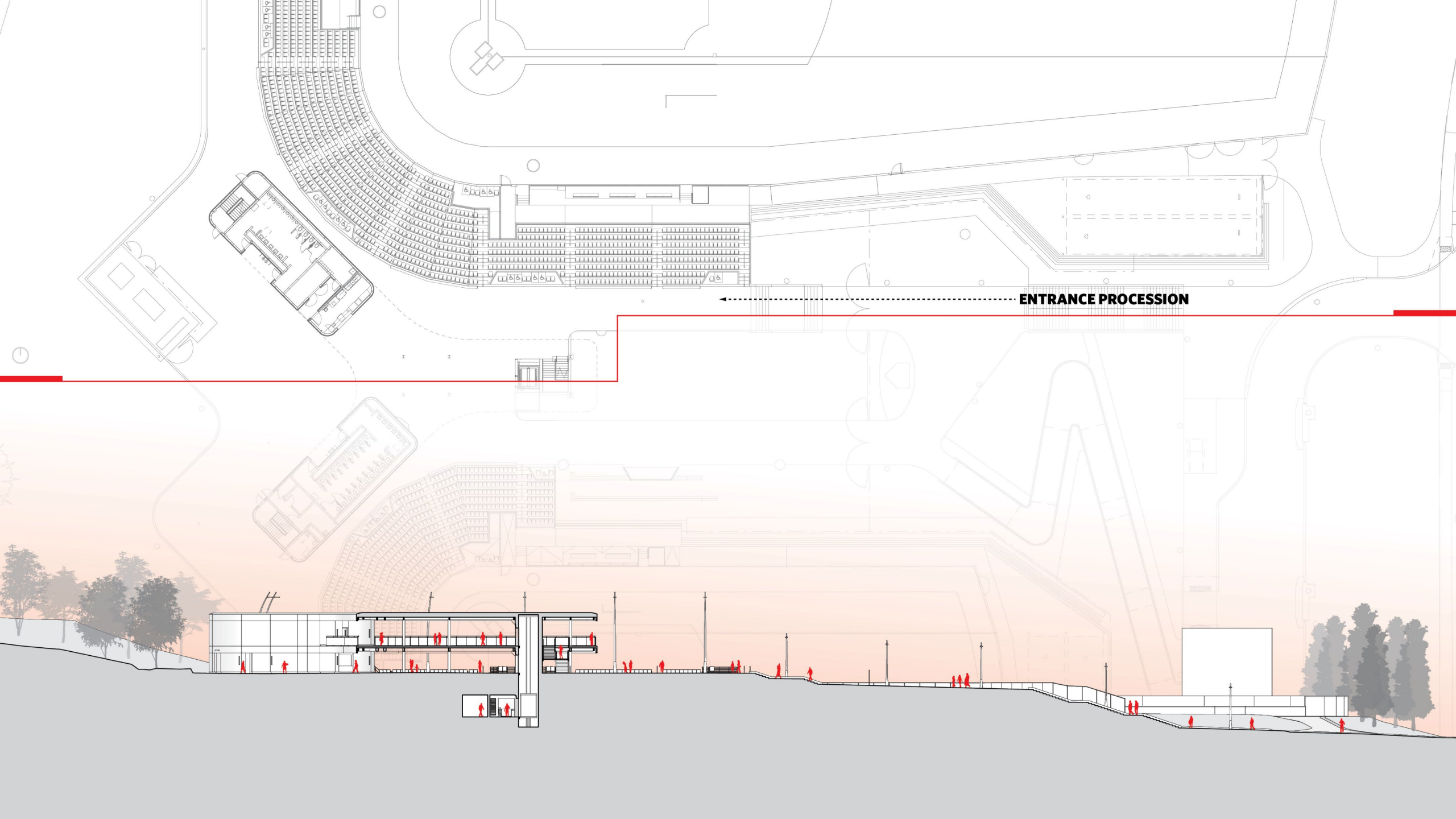


ATHLETIC **EQUITY**







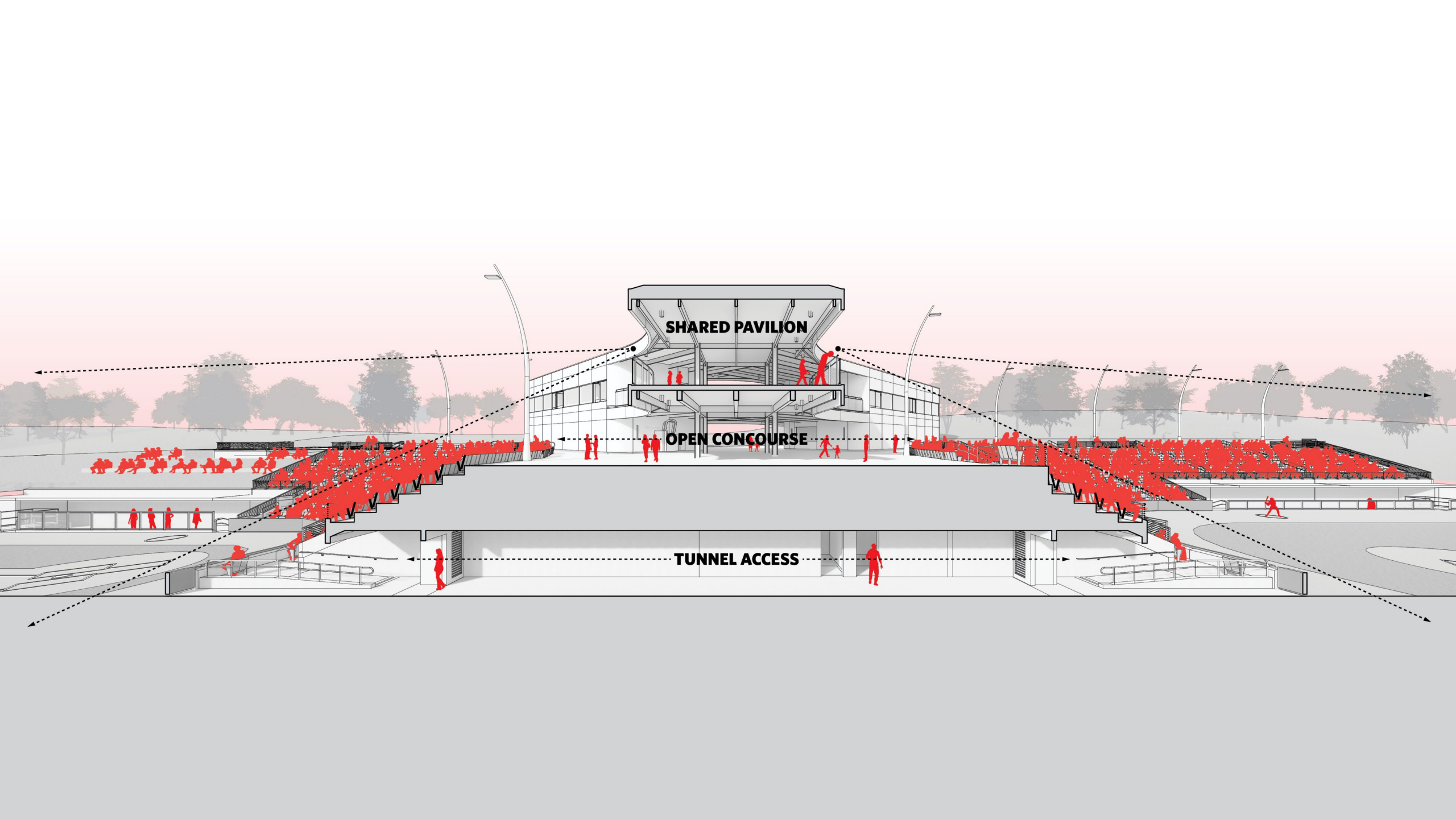


**ENTRANCE PROCESSION**









**SHARED PAVILION**

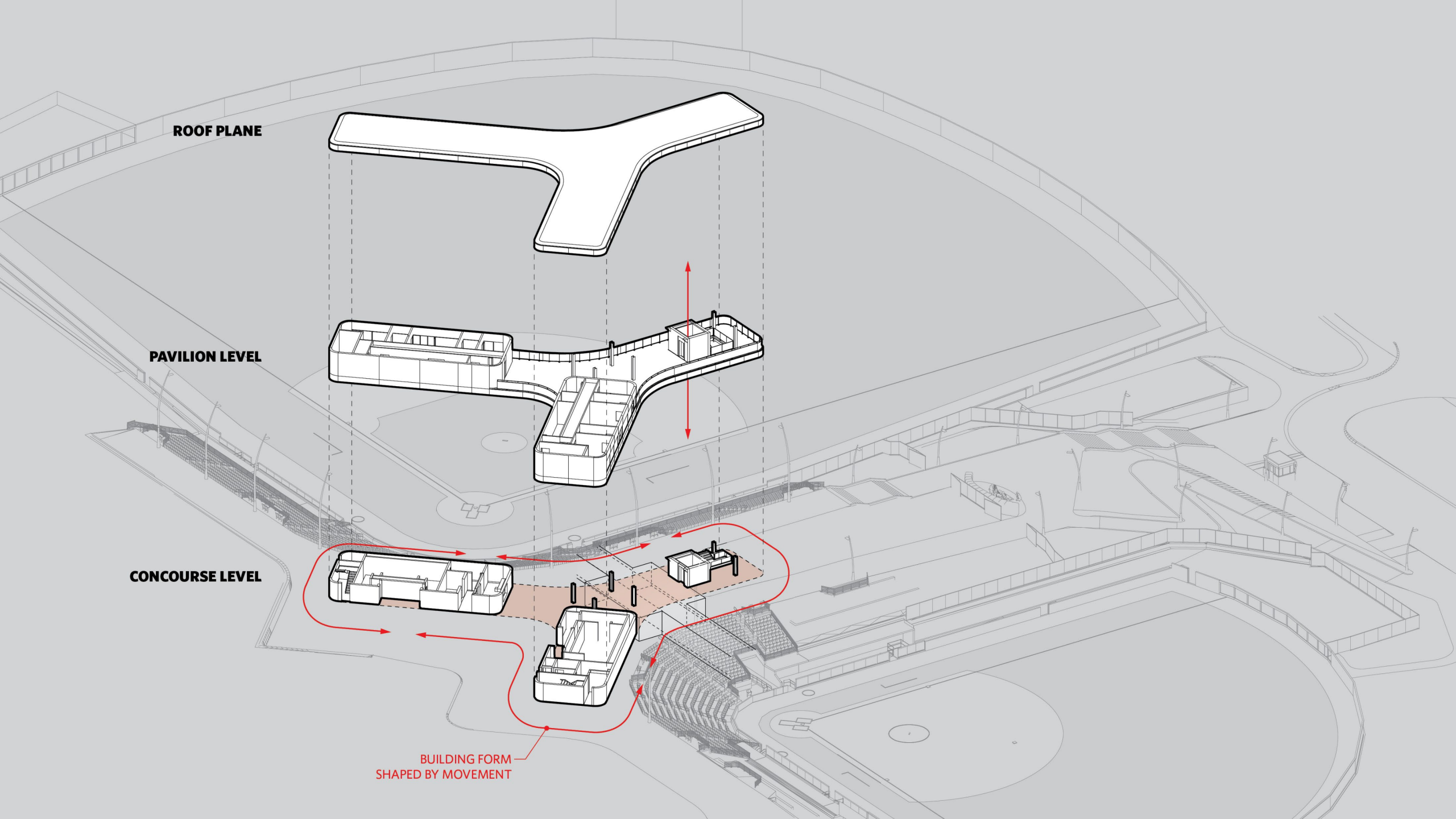
**OPEN CONCOURSE**

**TUNNEL ACCESS**









**ROOF PLANE**

**PAVILION LEVEL**

**CONCOURSE LEVEL**

**BUILDING FORM  
SHAPED BY MOVEMENT**

















# Architecture Citation Award



## **Sylvan Lake House**

23-111

Firm Name: **Actual Architecture Company**

original design by Min | Day

Project Location: Sylvan Lake, Alberta, Canada

Owner: Donovan & Joanne Nielsen

Contractor: Bowood Homes

Consultants:

Wolsey Structural Engineering

Pritchard Peck Lighting

Lodgepole Landscape Design



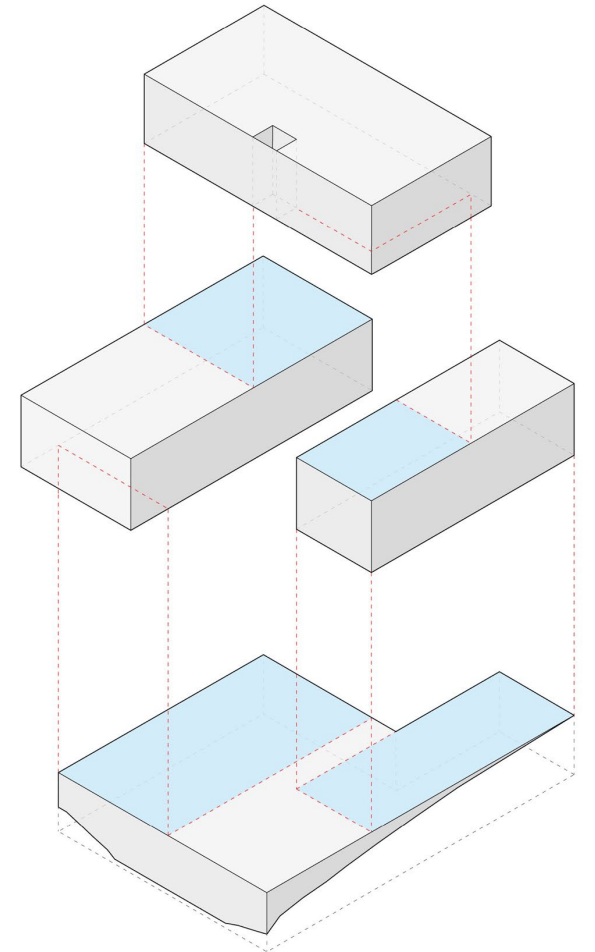
# Sylvan Lake House





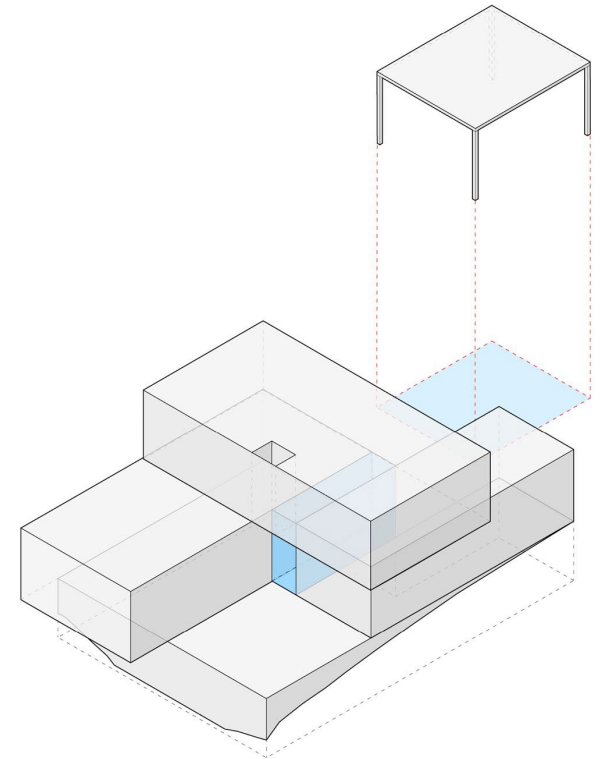






**Autonomous Masses**





**Interstitial Transparency**



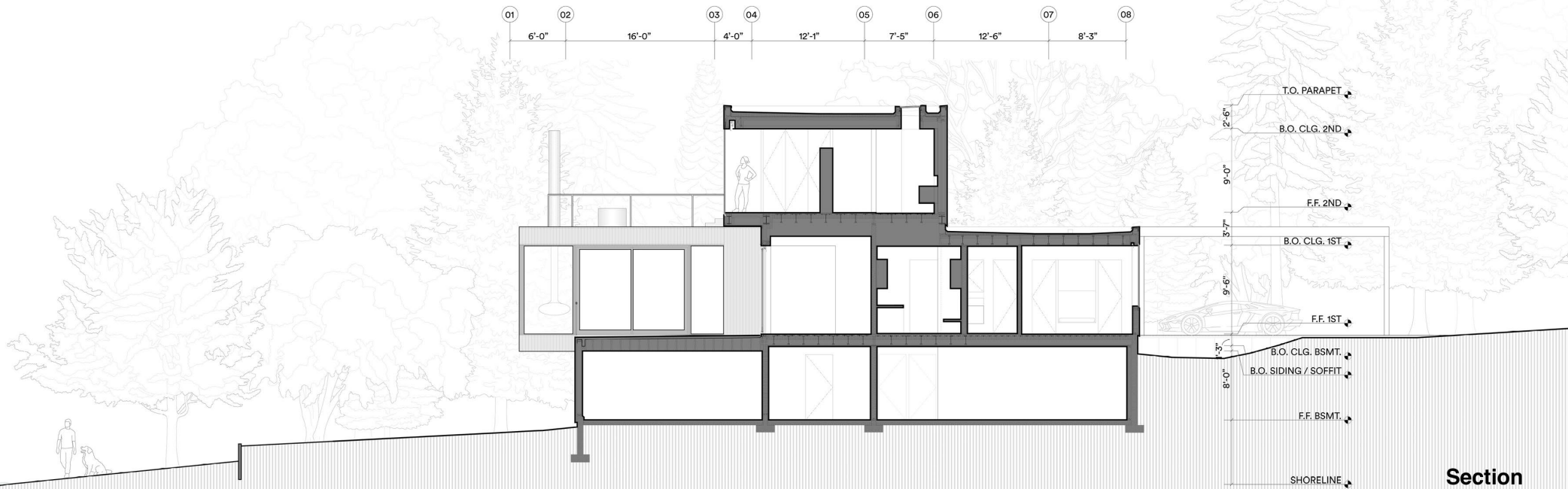


View from Deck into Living / Dining

Deck & Office / TV Room

Outdoor Shower

Entry Patio



Section



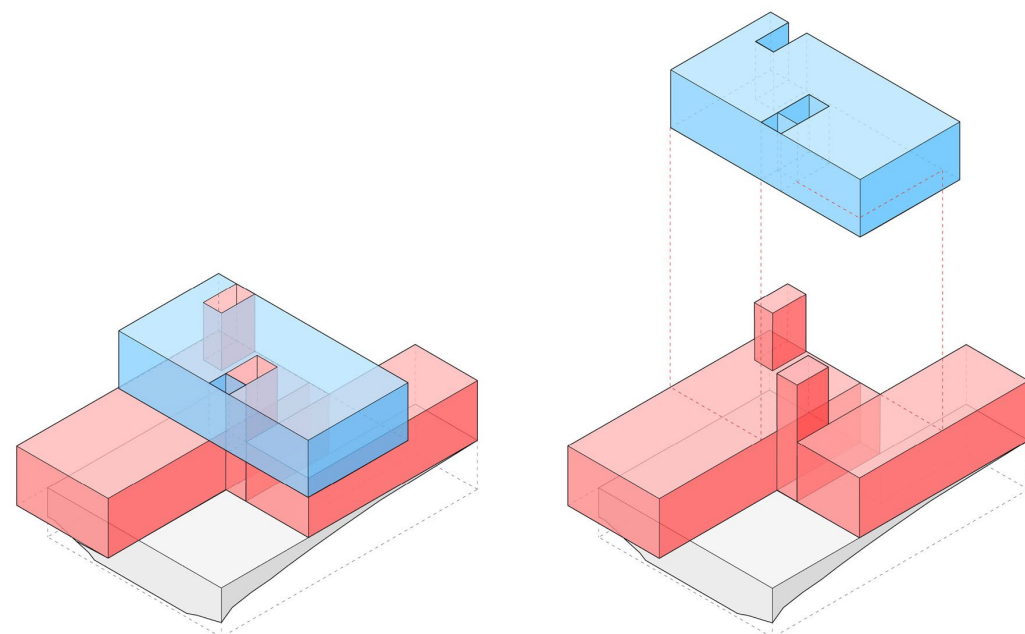


Entry / Stair









Interpenetrating Spaces





**Main Bedroom Suite / Kitchen-Dining Window**









# Architecture Citation Award



**23-106**

Omaha VA Ambulatory Care Center

LEO A DALY

Omaha, NE

US Department of Veteran Affairs







# The VA's first-ever public-private partnership revolutionizes healthcare for veterans.

*After the planned replacement of the Omaha VA hospital was put in funding limbo, a concerned community came together on behalf of veterans. Their activism led to a new law that allowed their donations to help fund a new clinic building. As a condition of funding, the design team was given flexibility to tailor VA guidelines, and the result is this project: a leap forward for the VA system, designed and built in just over half the time of comparable VA projects, and for \$35 million less.*





# FREEDOM

The north façade curtain wall resembles a windblown American flag, guiding veterans to the main entrance.



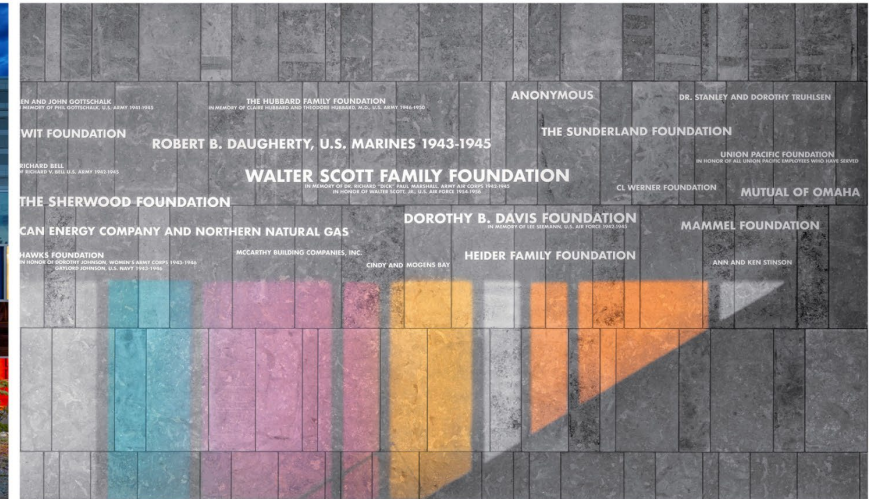
# HONOR

An expanse of multicolored glazing, suggestive of military ribbons, greets veterans upon entry and creates a new gateway to the VA campus.



# DUTY

In the waiting area, sedimentary layers of a limestone wall signify soil tracked home amid periods of peace and conflict.















PATIENT CHECK-OUT

Restroom

1008  
Restroom



PATIENT CHECK-IN

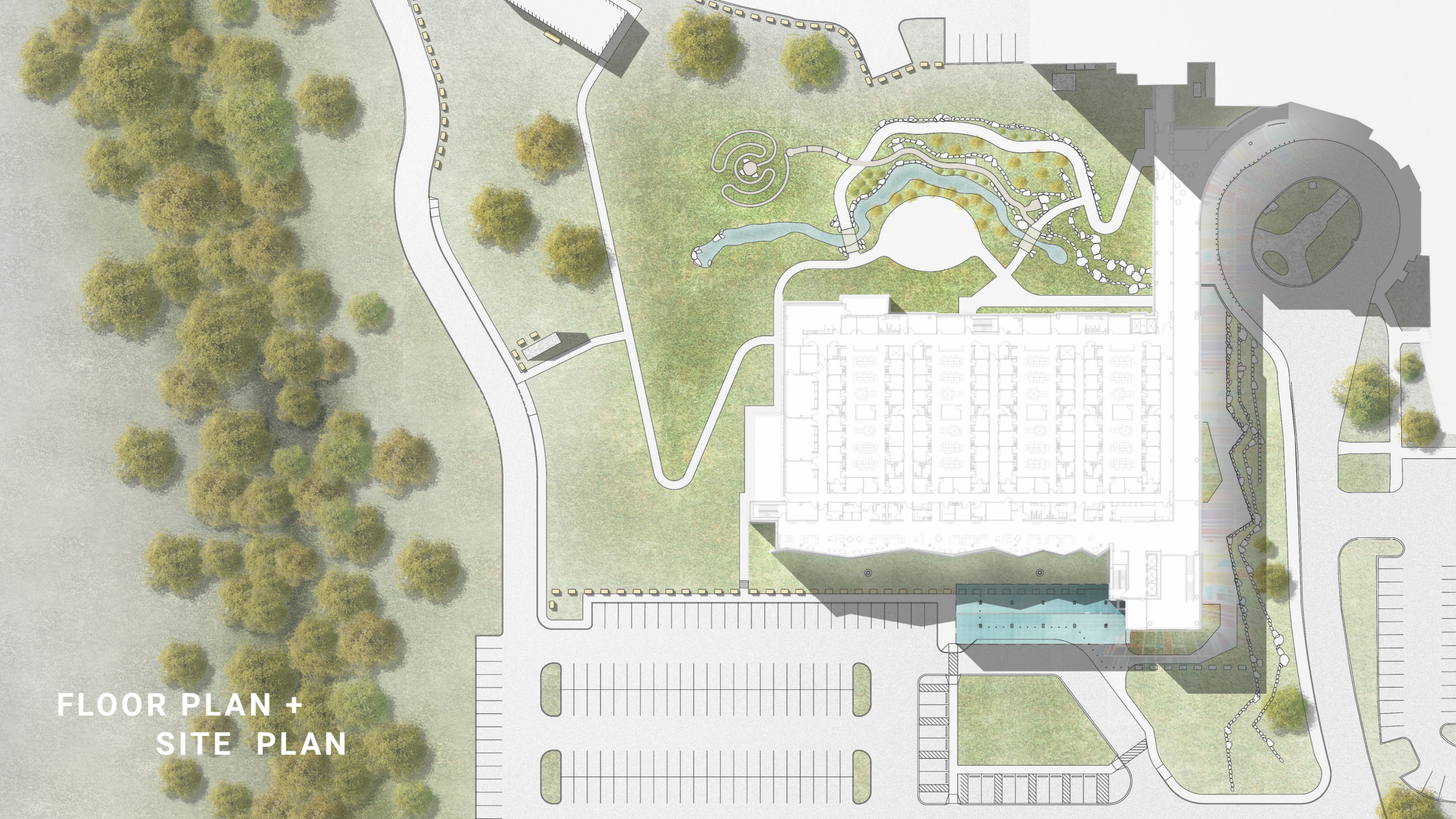


ACC SECOND LEVEL

- ←
- Bronze PACT
- Radiology
- Outpatient Surgery
- Restrooms ↑↑
- Vending



FLOOR PLAN +  
SITE PLAN





Rewriting the rulebook  
to create an innovative  
environment for care that is  
**hyper-focused**  
on the veteran.





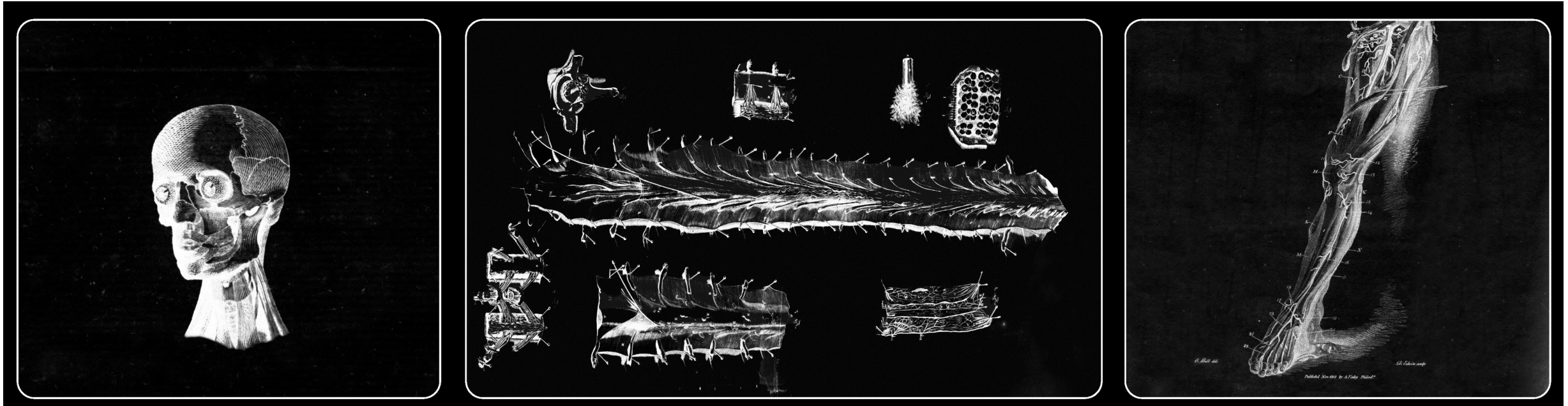






# Architecture Merit Award

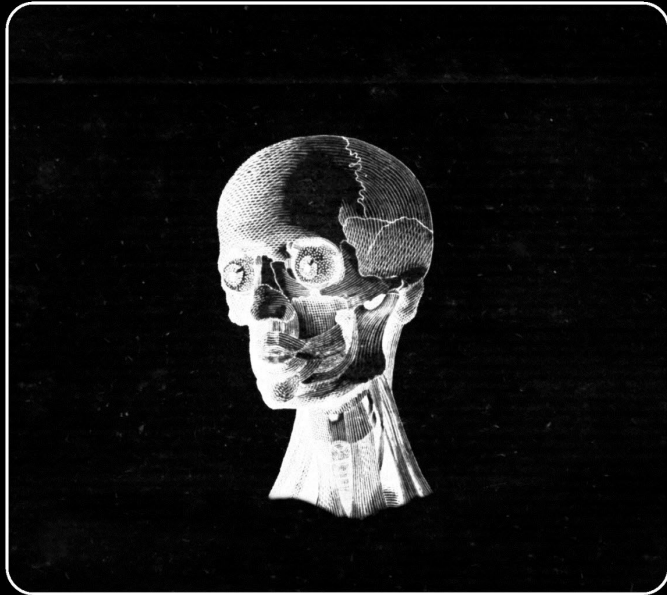




23-140 Wigton Heritage Center and McGoogan Health Sciences Library  
HDR | Great Plains Studios  
Omaha, NE  
University of Nebraska Medical Center  
Hausmann Construction

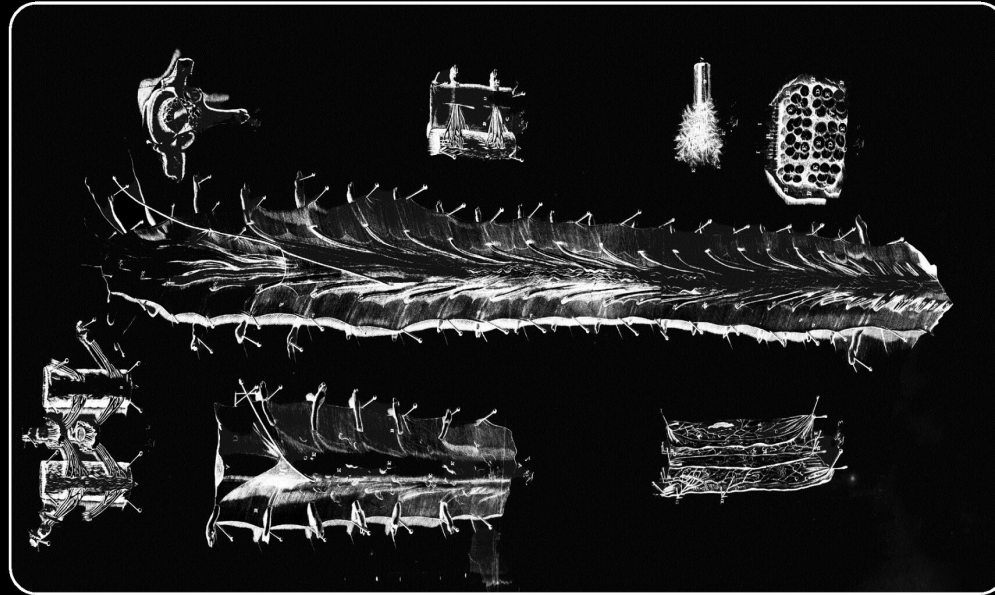


# [re]purpose the medical library



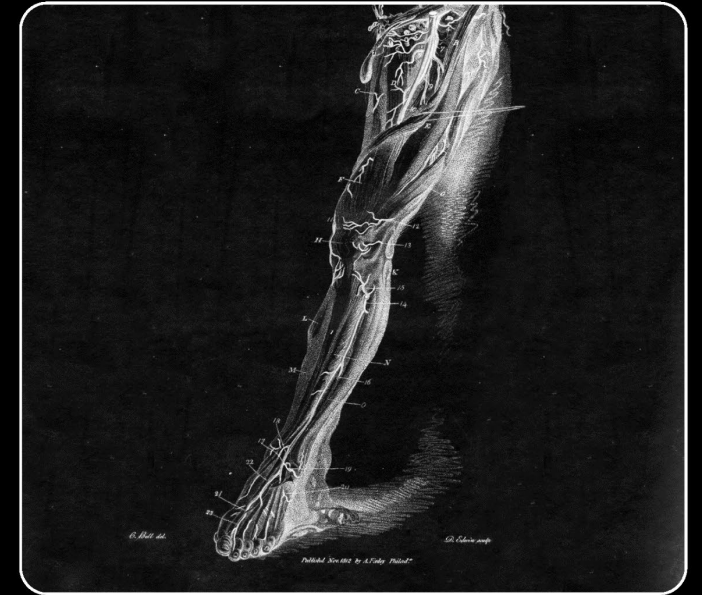
## Ocular Regeneration:

Modify existing conditions to restore daylight to student and staff collaboration zones.



## Spinal Reconstruction:

Rebuild the traditional library to a modern learning environment.



## Limb Rehabilitation:

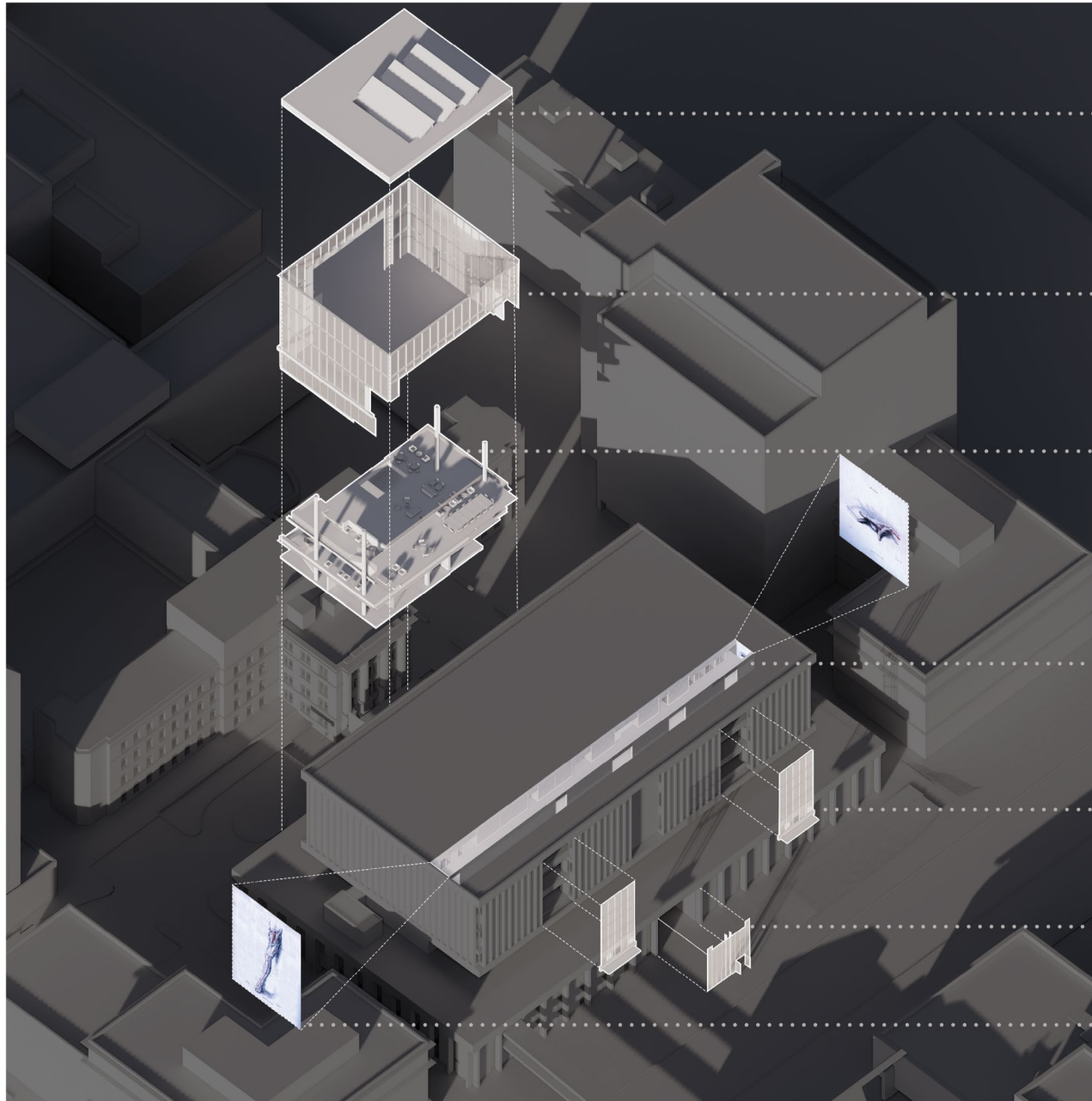
Revitalize circulatory systems within the library to focus on movement and active use.





University Tower Facade





North-facing clerestory allowing increased natural daylight at Heritage Center addition volume.

New high-performance curtain wall enclosure of rehabilitated historic University Tower facade allowing views to North and South courtyards.

Link pathway connectors at Heritage Center addition connect six differing elevation levels between two buildings.

Renovated library spine corridor houses library physical collections. Previous stack storage space converted to student and faculty collaboration zones.

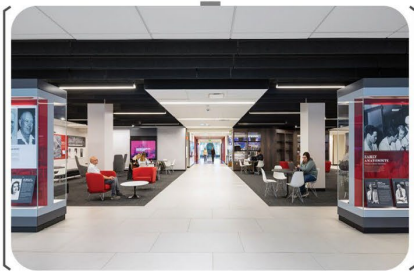
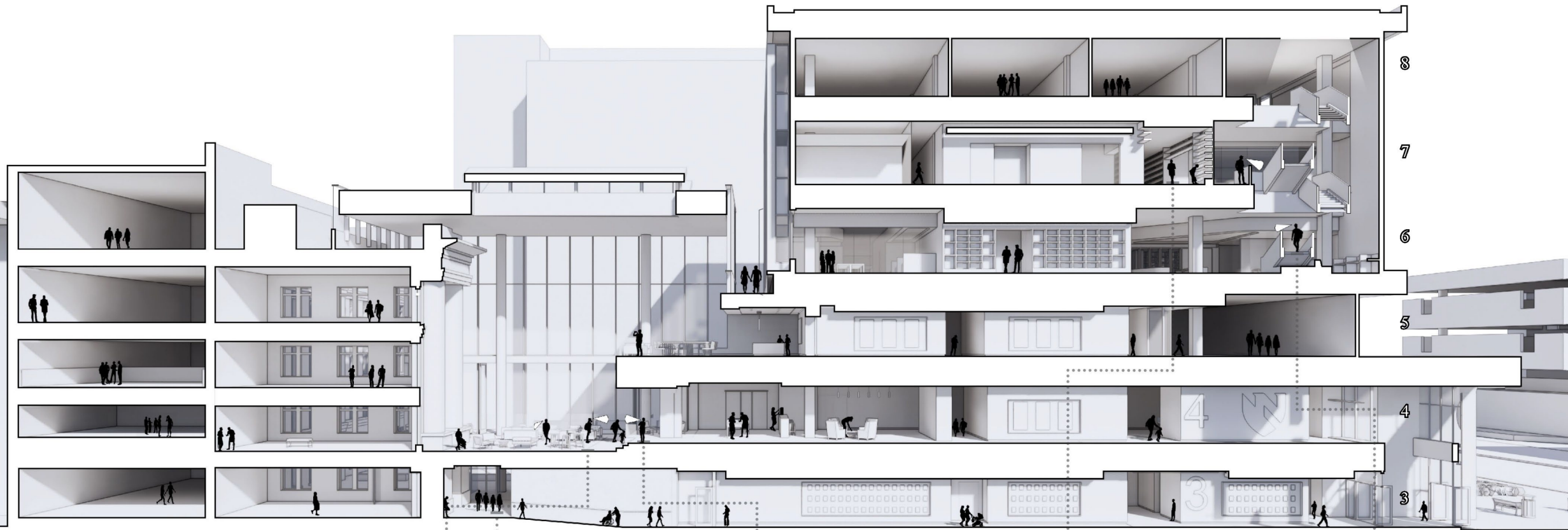
Existing precast panels at Wittson Hall building removed and replaced with high-performance curtain wall glazing to increase natural daylight in new collaboration zones.

New curtain wall glazing at 42nd Street entrance creates a more welcoming front door for entry.

Graphics from medical library's archived collection integrated into library floors as wayfinding elements.

Heritage Center and Wittson Hall Library Component Diagram



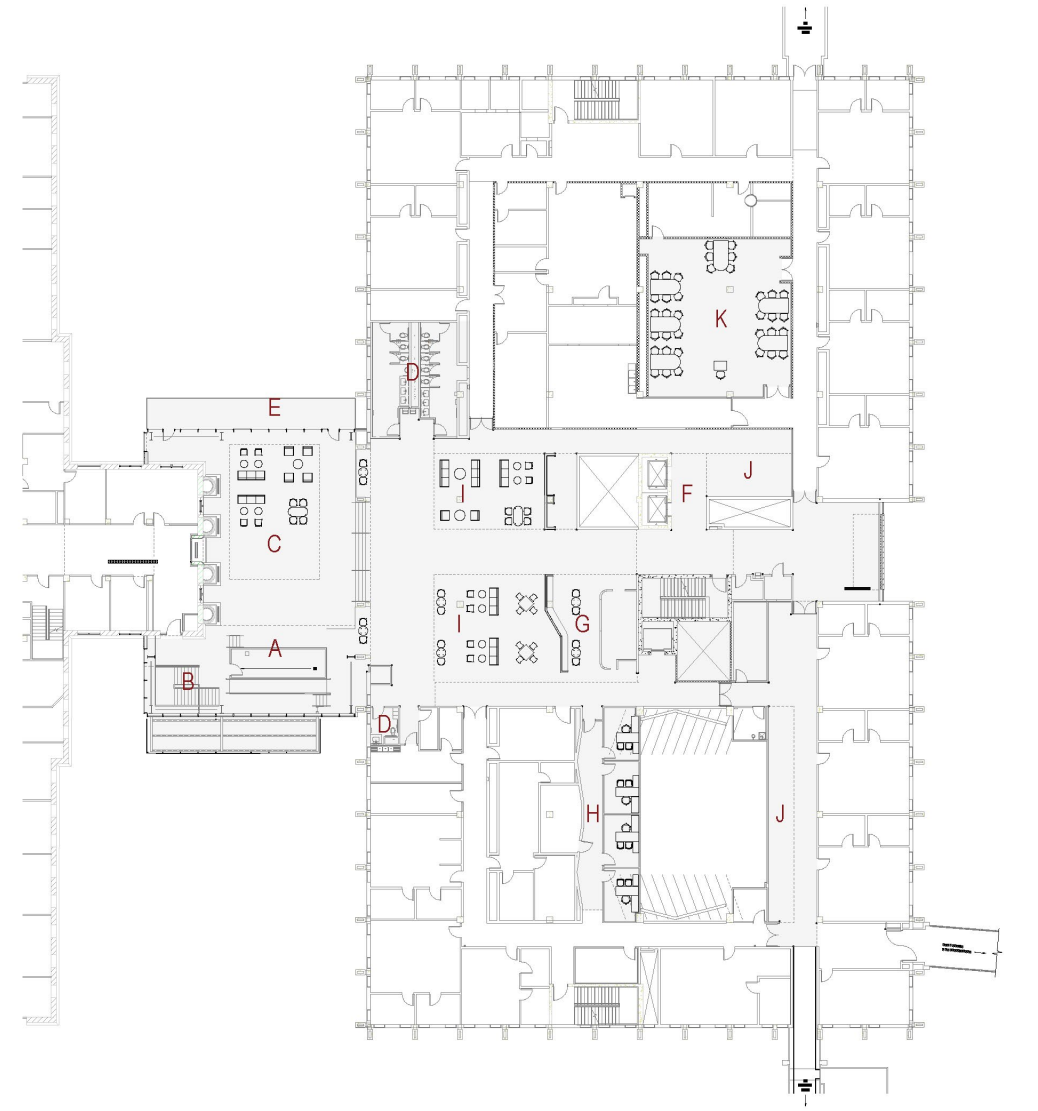


Heritage Center and Wittson Hall Library Section Diagram





Heritage Center South Entrance



Fourth Floor Heritage Center Plan

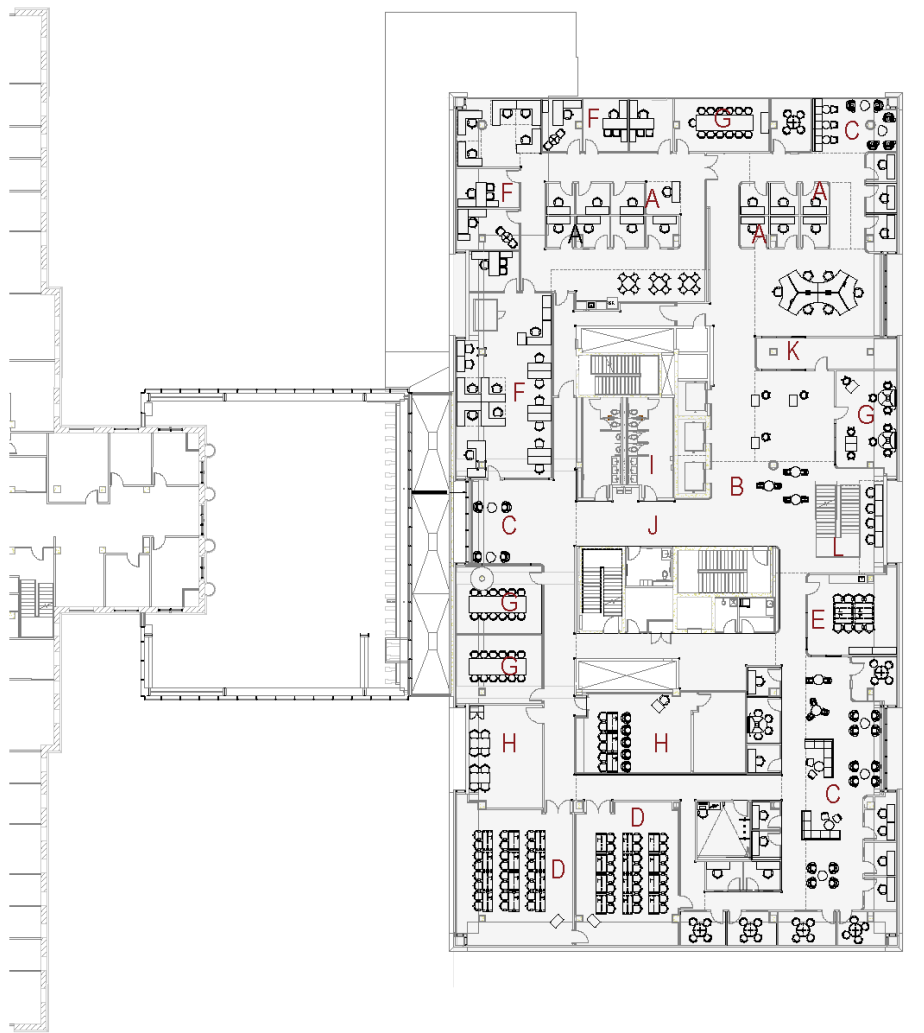
<u>Space Legend</u>			
A) Media Podium	B) Grand Stair	C) Heritage Center Lounge / Event Space	D) Gallery / Lounge Seating
	E) Balcony	F) Renovated Elevator Lobby	G) Coffee Shop / Cafe
		H) New Workstations / Offices	I) Gallery / Lounge Seating
		J) Gallery Display	K) Renovated Lab




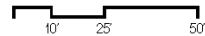


Heritage Center Student Commons





Sixth Floor Library Plan 

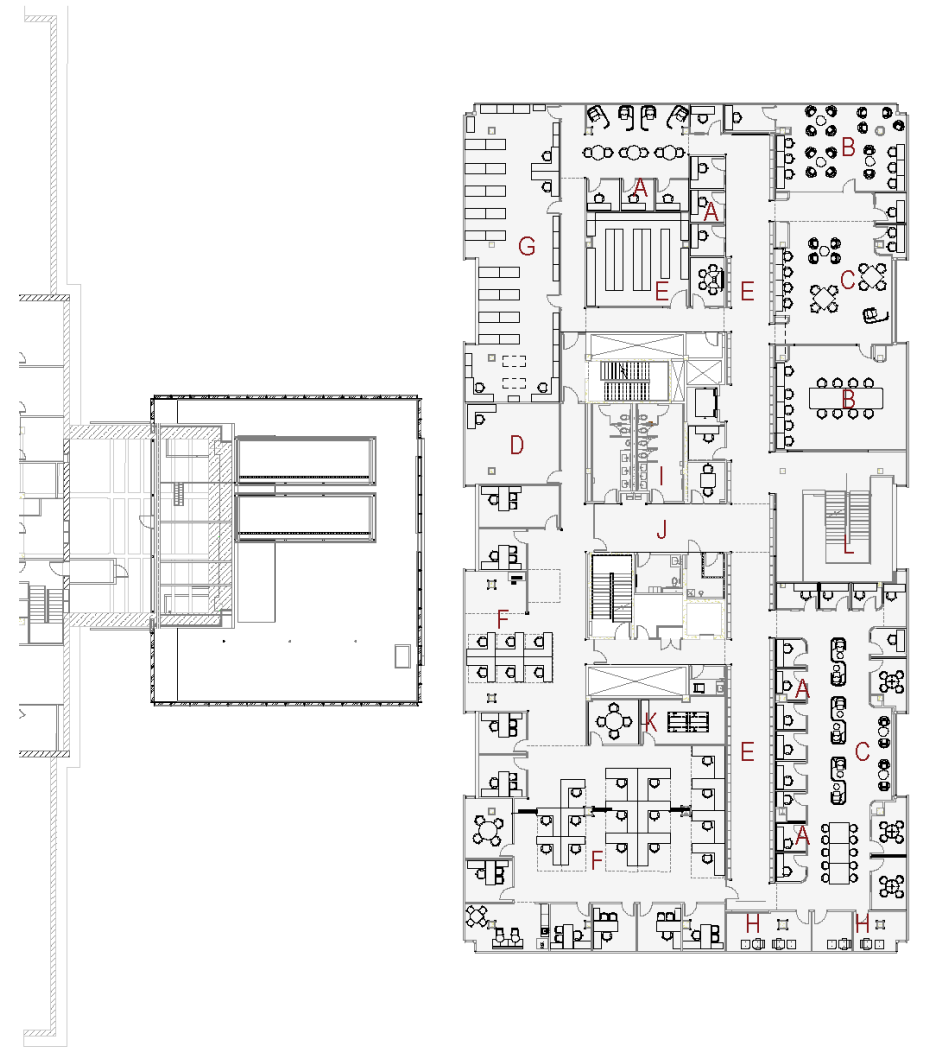


Space Legend

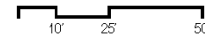
- A) Small Study
- B) Reception
- C) Open Noisy Study
- D) Classrooms

- E) Makerspace
- F) New Workstations / Offices
- G) Conference Room
- H) VR Simulation
- I) Renovated Restrooms

- J) Gallery Display
- K) Storage
- L) Grand Stair



Seventh Floor Library Plan 



Space Legend

- A) Small Study
- B) Reception
- C) Open Noisy Study
- D) Classrooms

- E) Makerspace
- F) New Workstations / Offices
- G) Conference Room
- H) VR Simulation
- I) Renovated Restrooms

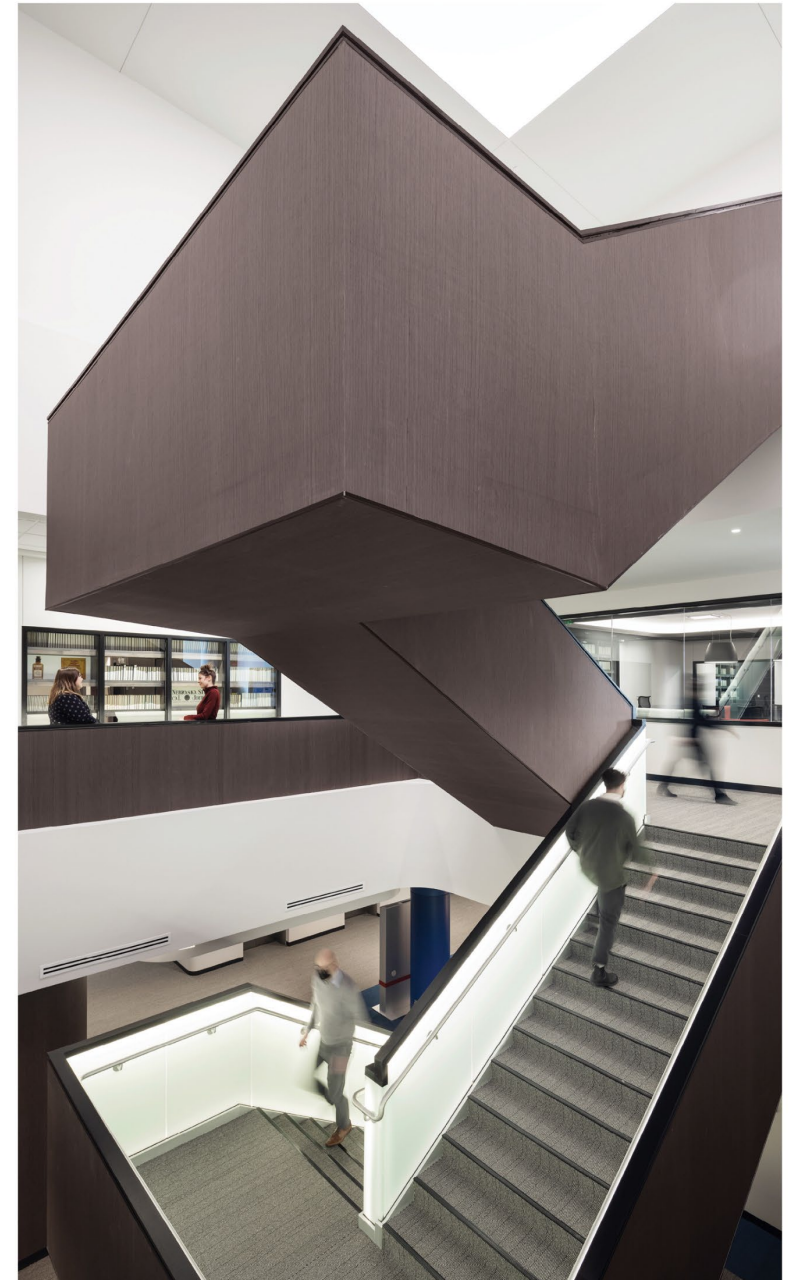
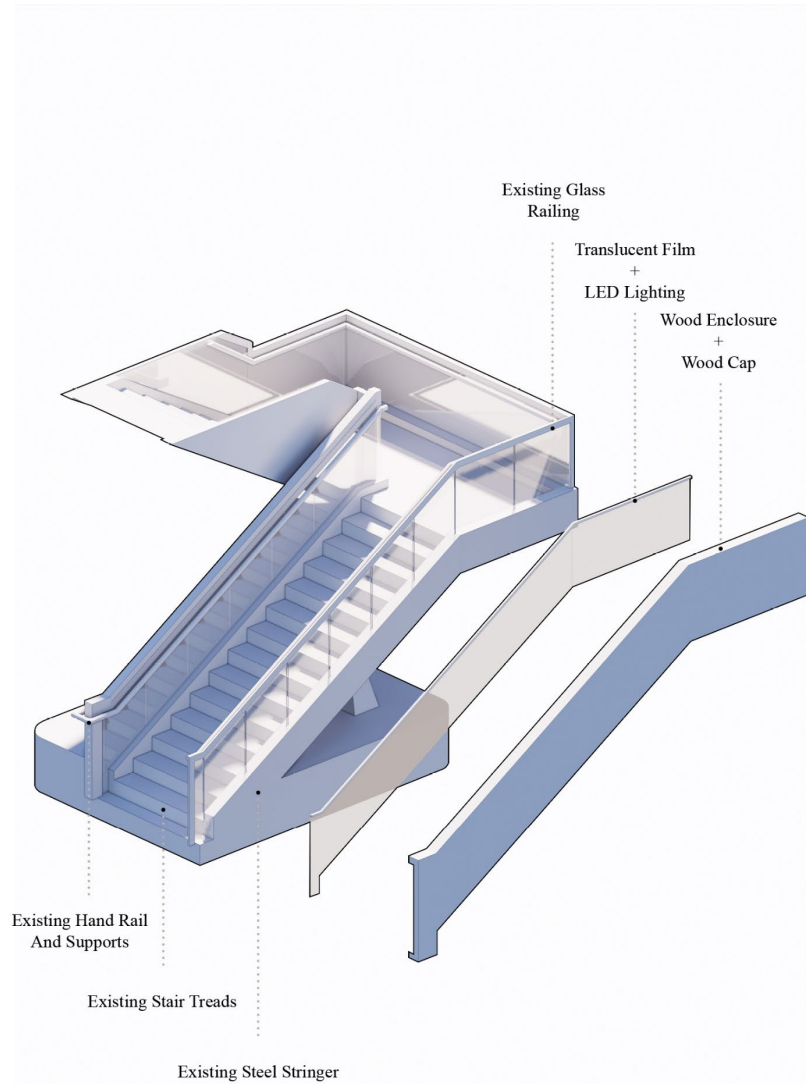
- J) Gallery Display
- K) Storage
- L) Grand Stair



Wendy Linder, M.D.  
Reading Room







Wittson Library Existing Grand Stair Conversion





Wittson Library Seventh Floor Spine Corridor





# Architecture Merit Award



**23-119 DOUGLAS COUNTY JUSTICE CENTER**

HDR | GREAT PLAINS STUDIO

OMAHA, NE

DOUGLAS COUNTY

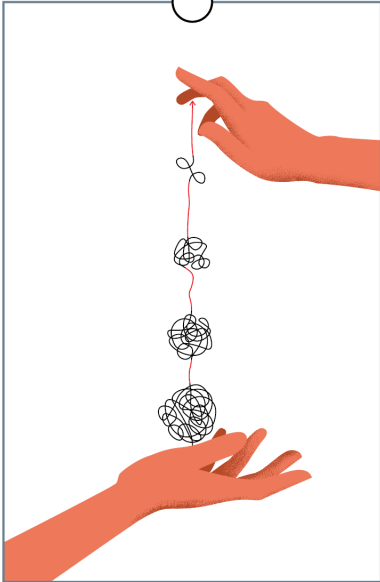






PAST

INSTITUTIONAL  
INEFFICIENCIES

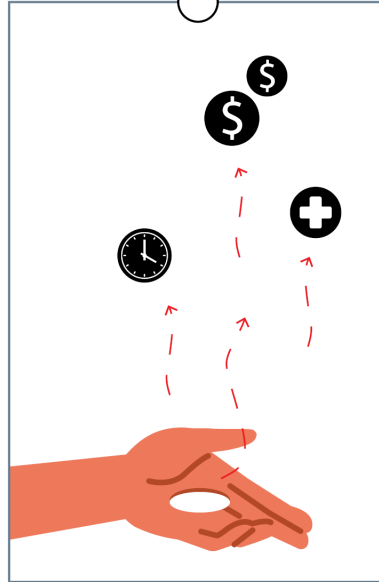


1992

Old Youth Center

Inefficiencies at the built scale uphold systemic barriers to rehabilitation, despite a reformed comprehensive plan.

HUMANITY &  
URBAN DESIGN



2020

Catalyst for Change

The previous unsustainable system drained resources: cost, time, and well-being. Reform became necessary for efficacy and efficiency.

A HELPING HAND



2023

New Youth Center Opportunities

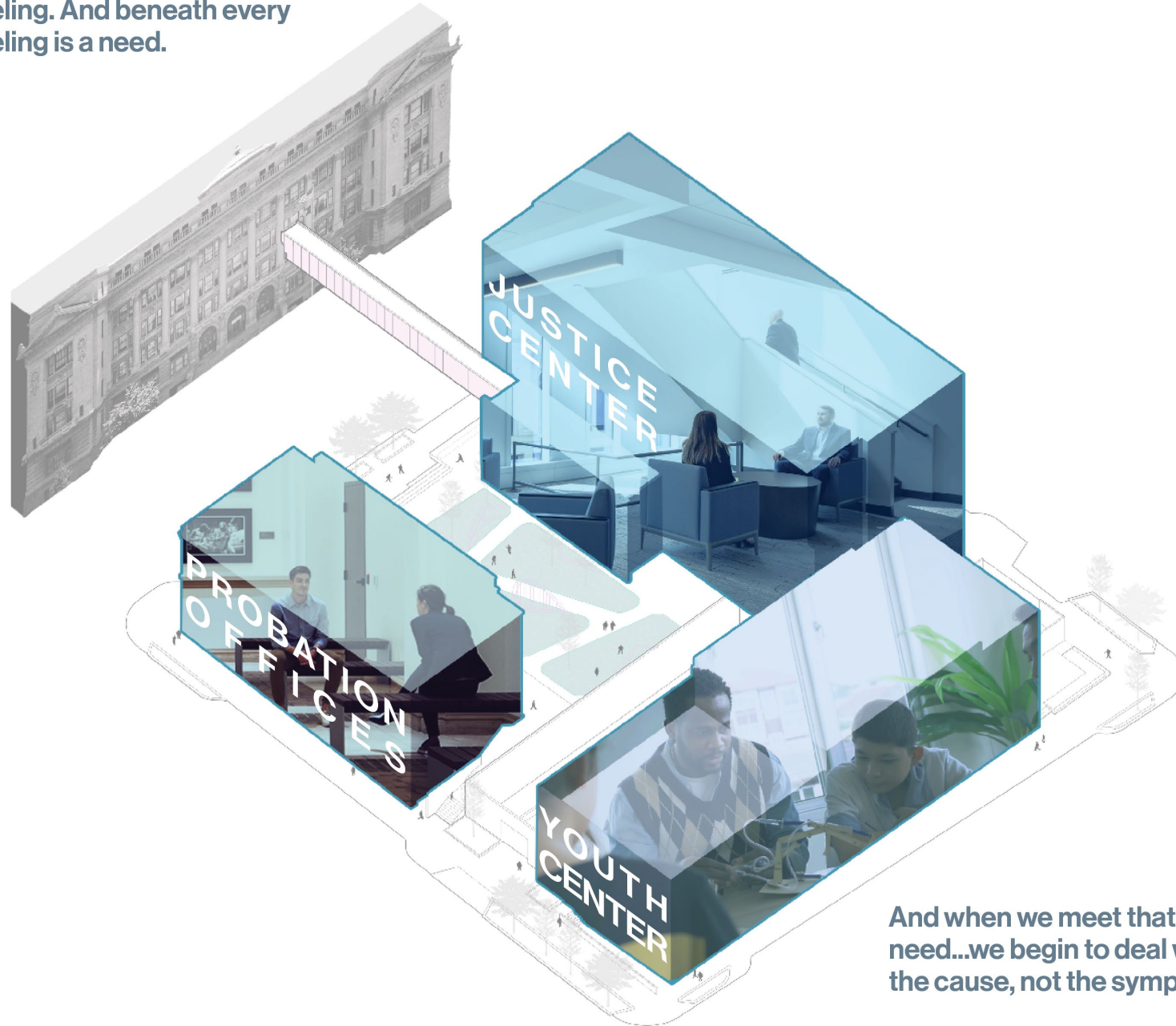
Linking the Courthouse to the Justice and Youth Centers leverages proximity as a tool for progress at all levels of institutional justice.

FUTURE



**BRINGING  
EVERYTHING  
TOGETHER**

“Beneath every behavior is a feeling. And beneath every feeling is a need.”



And when we meet that need...we begin to deal with the cause, not the symptom.”



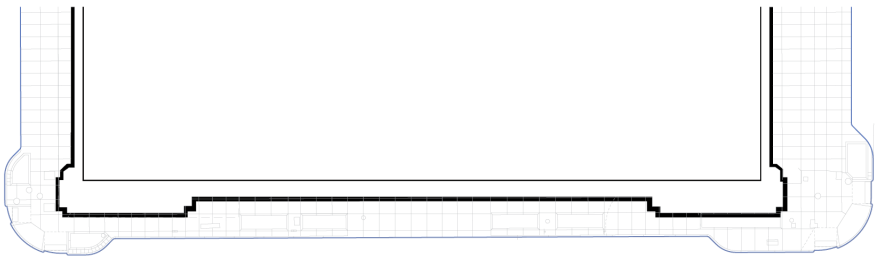


A MORE  
BALANCED  
SYSTEM

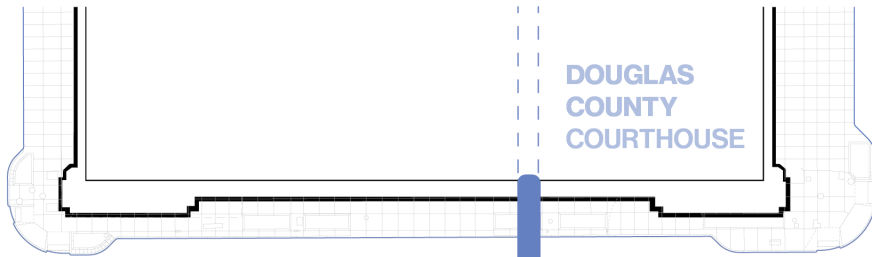
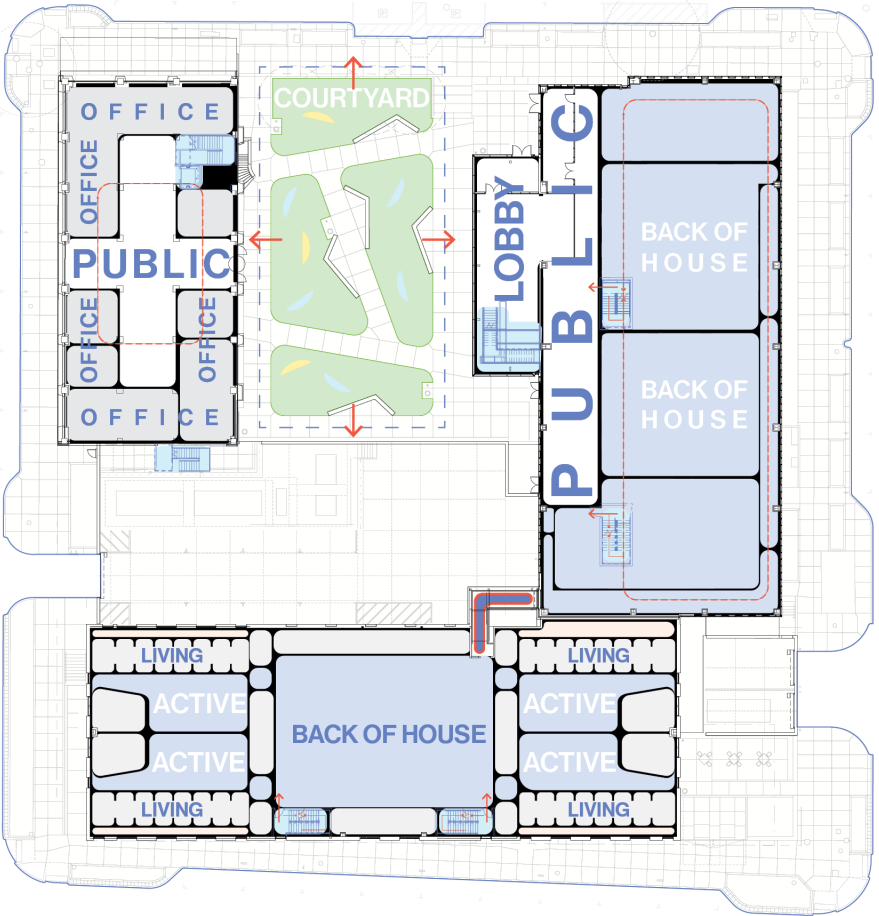




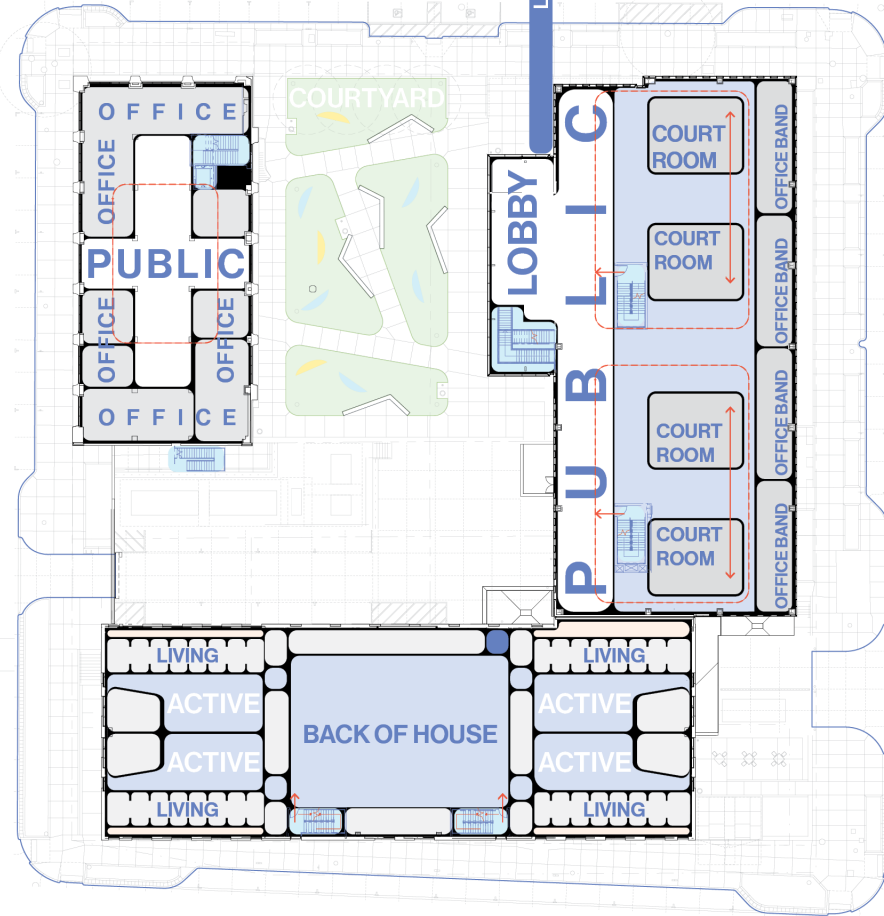




Level 01



Level 02/03











**Connectivity of Services**

Designing an environment that shapes policy, recalibrating operations at a structural level to enact change.





### Rehabilitative System

Connecting the functionality between buildings to create a strong sense of community ties, along with peer and individual support.







WoodmenLife

BARNEY ST.

KEY ST.





# Architecture Merit Award



23-100 Cobalt Credit Union – Gretna Branch

HDR

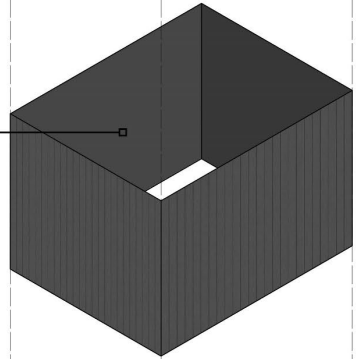
Gretna, NE

Cobalt Credit Union

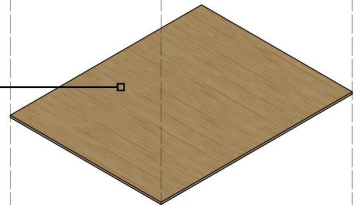




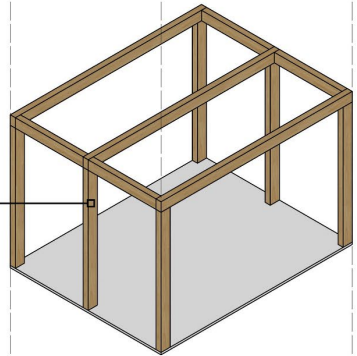
BLACK ZINC SHELL



WHITE OAK CORE



WHITE OAK STRUCTURE



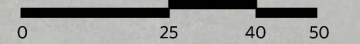
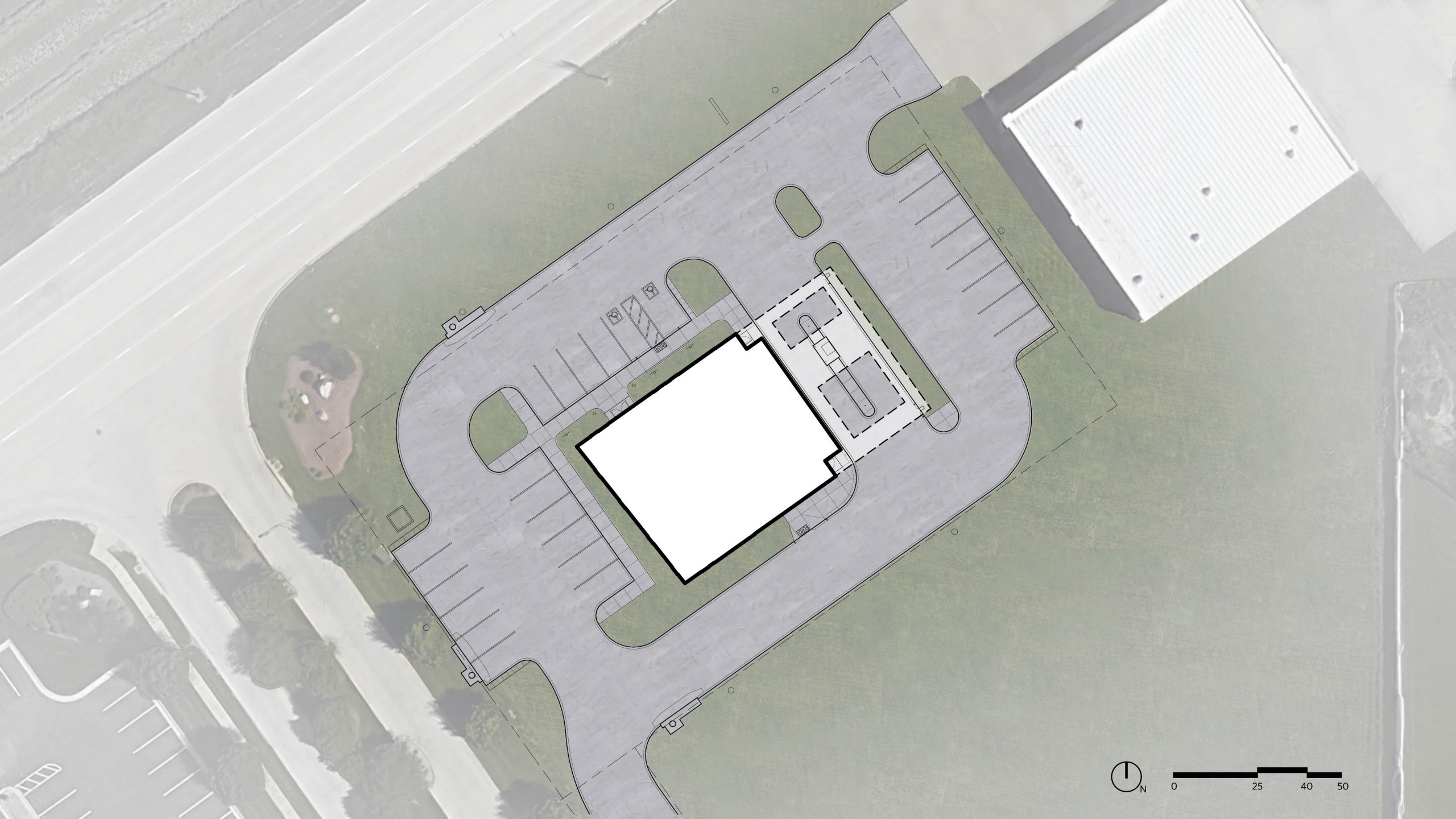












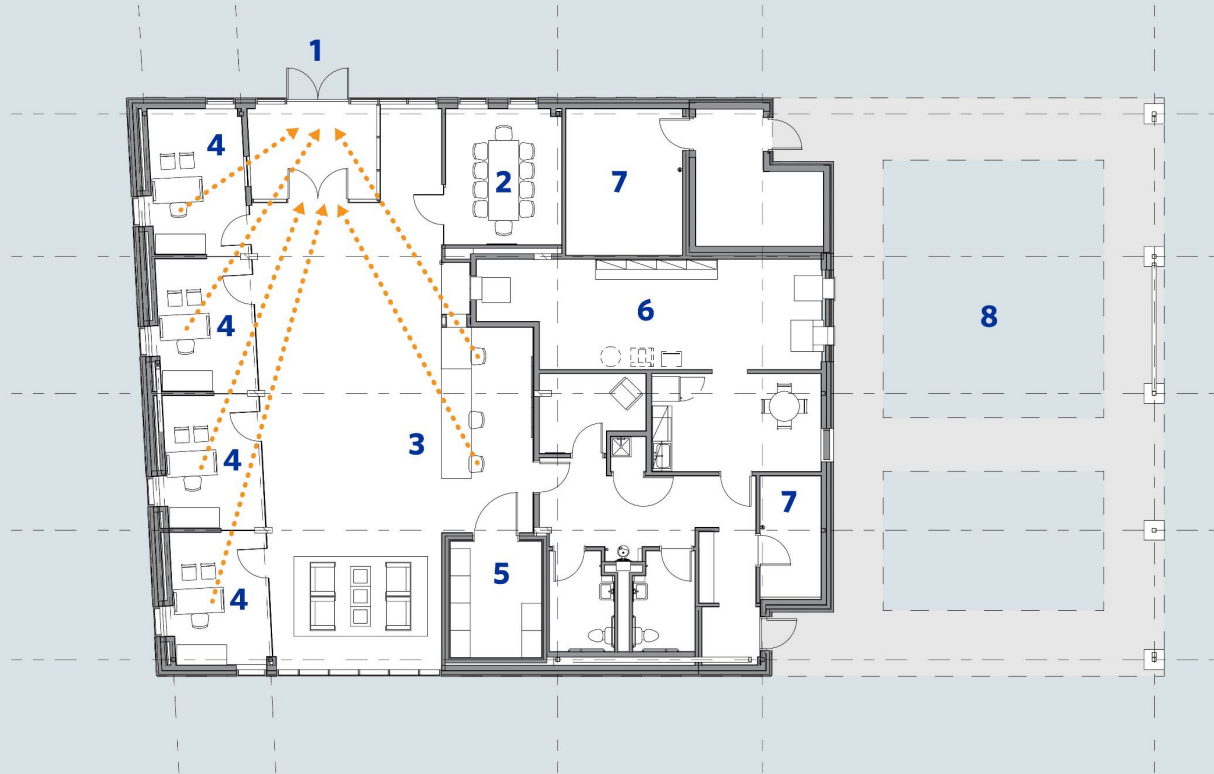








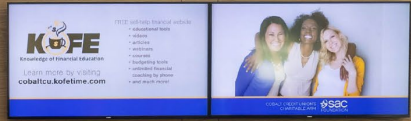




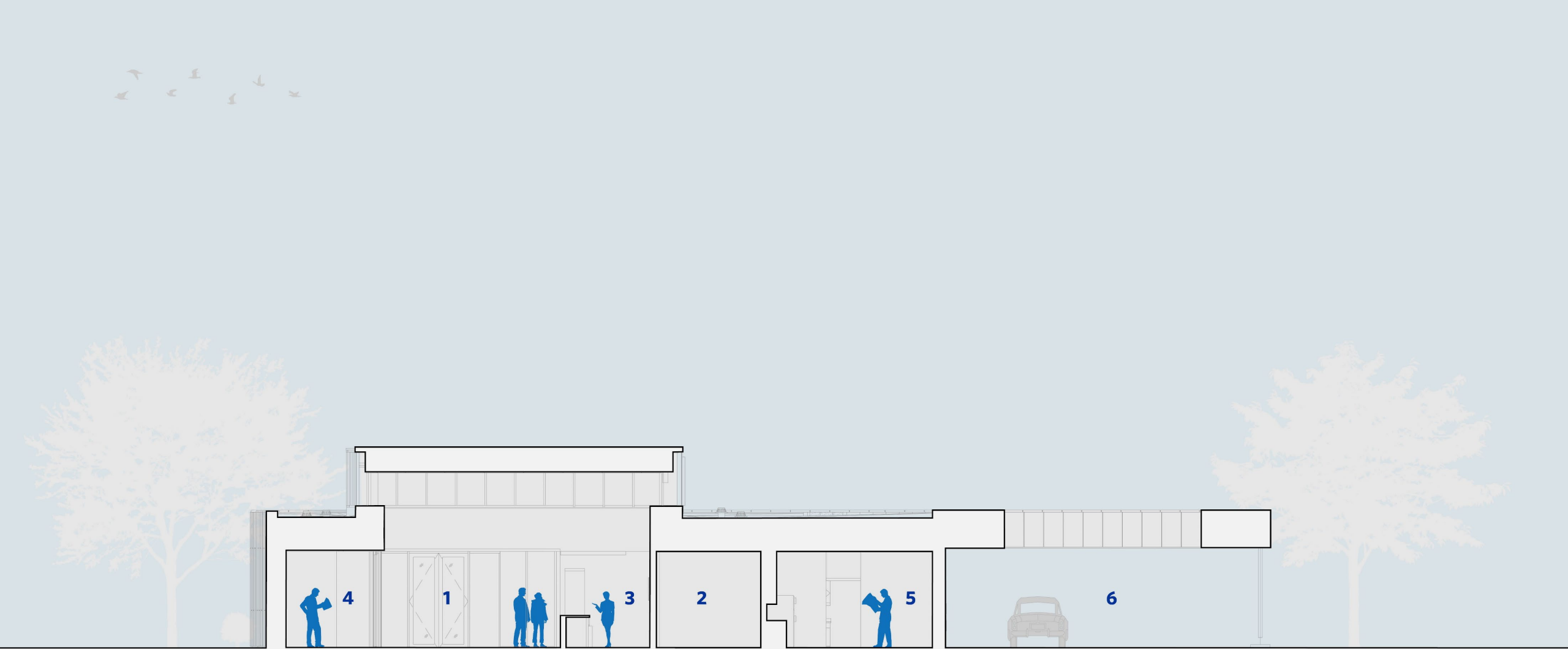
- 1** Entry
- 2** Conference room
- 3** Teller line
- 4** Office
- 5** Vault
- 6** Employee workroom
- 7** Building utility
- 8** Drive-through lanes











- 1 Entry
- 2 Mother's room
- 3 Bank tellers
- 4 Office
- 5 Employee workroom
- 6 Drive-through lanes











# Architecture Honor Award



23-128 Kiewit Luminarium  
HDR Inc.  
Omaha, NE  
Omaha Discovery Trust





## SEEING IN A NEW LIGHT

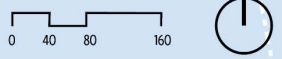
This hands on, interactive STEM museum creates a place for people of all ages, identities, and backgrounds to explore astonishing phenomena at the intersection of science, art, and human perception. The building has been thought of as a container to allow the diverse range of programming and exhibits the most flexibility. Like the midwestern vernacular “machine-shed”, this container remains simple, honest, and performative.







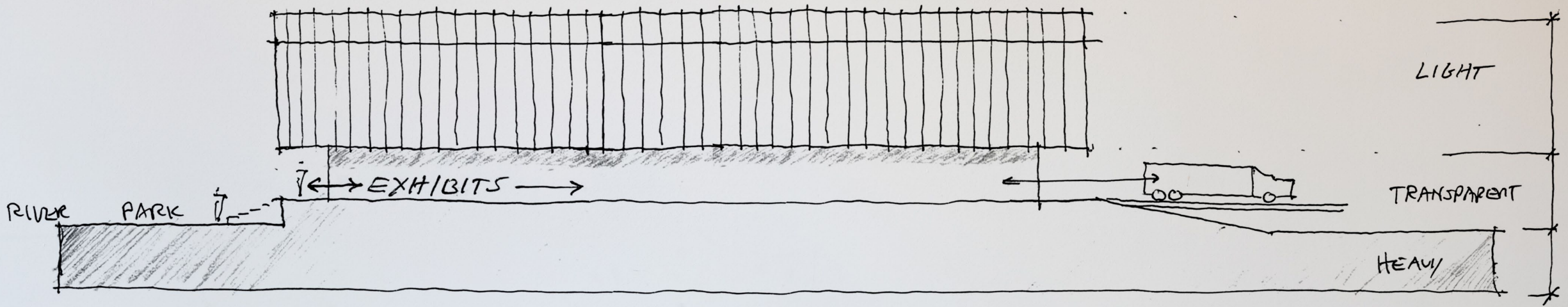
- Lewis & Clark Landing Storage
- Riverfront Marina
- Biking Path
- Monument To Labor
- Lewis & Clark Overall Site
- Pedestrian Bridge
- Rip Rap
- Boardwalk
- Programmable Park
- Flood Wall
- Service/Delivery
- Project Scope  
95,658 SF
- Parking : 344 Total  
Cultural: 1 Per 1,000SF  
Assembly: 1 Per 4 Capacity
- Building Footprint  
51,700 SF
- Plaza
- Vehicle Drop-Off
- Pedestrian Path
- Destination Playground



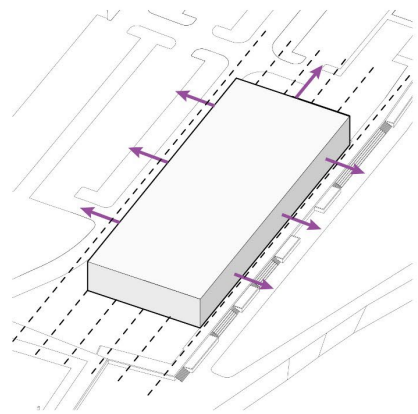
Omaha Riverfront

IOWA  
NEBRASKA





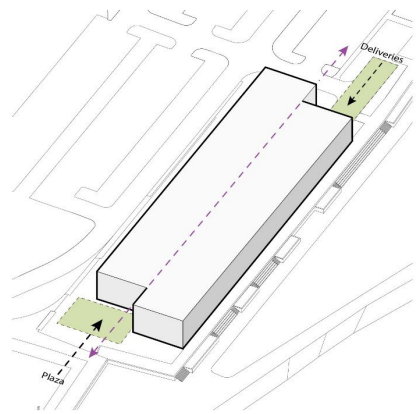




1

## MAXIMIZE

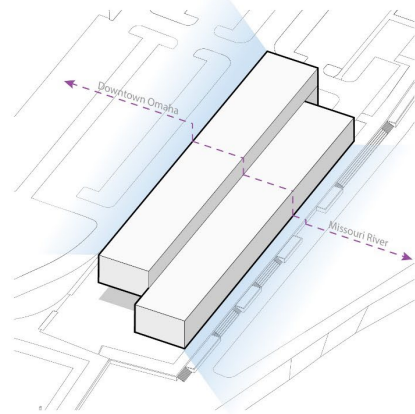
Existing floodwall and street constrain the allowable footprint of the building.



2

## SHIFT

The building form shears to create an entry plaza, near the future playground, and a concealed service area in the rear.



3

## ELEVATE

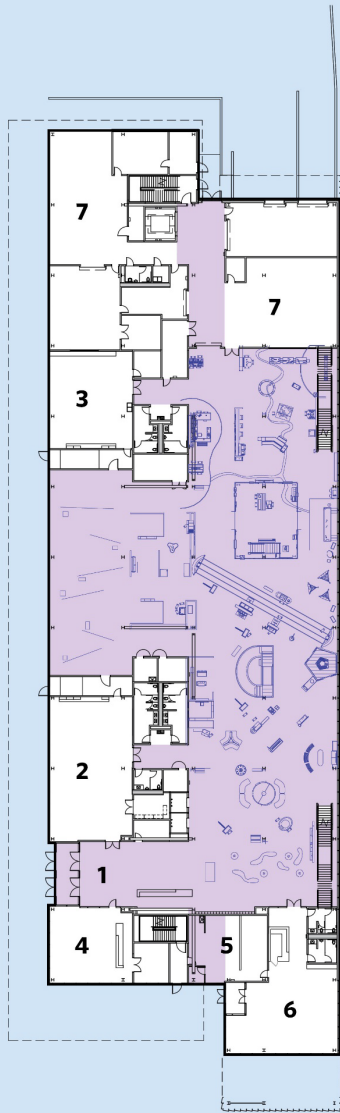
The west bar is elevated, creating a covered entry sequence and revealing an all glass ground floor. The lifted facade faces back to the city, drawing people out to explore.



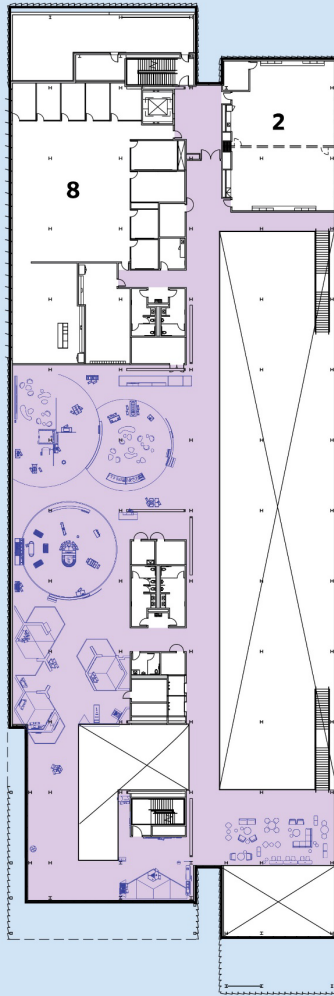




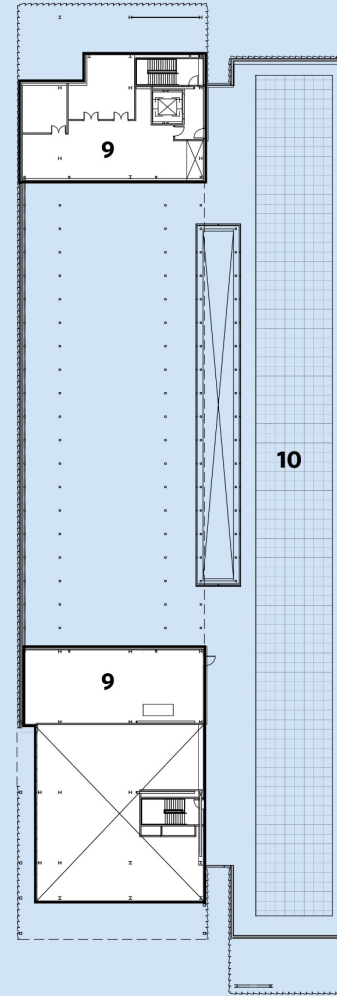




LEVEL 1



LEVEL 2



LEVEL 3

Legend:

- 1 Entry Lobby
- 2 Flex Classroom
- 3 Maker's Space
- 4 Gift Shop
- 5 Kitchen
- 6 Cafe
- 7 Exhibit Fabrication
- 8 Administration
- 9 Mechanical
- 10 Photovoltaics

Exhibit and Circulation

Scale: 0 30 60 120



EXHIBITS

CONTAINER







Sensory Experiences



Stair & Guardrail



Integrated Exhibits





Riverfront Facade



Vertical Sunshade



Covered Entry









# Architecture Honor Award



23-115 – Springfield Elementary

Alley Poyner Macchietto Architecture Omaha,  
Nebraska

Springfield Platteview Community Schools Boyd  
Jones Construction Co.





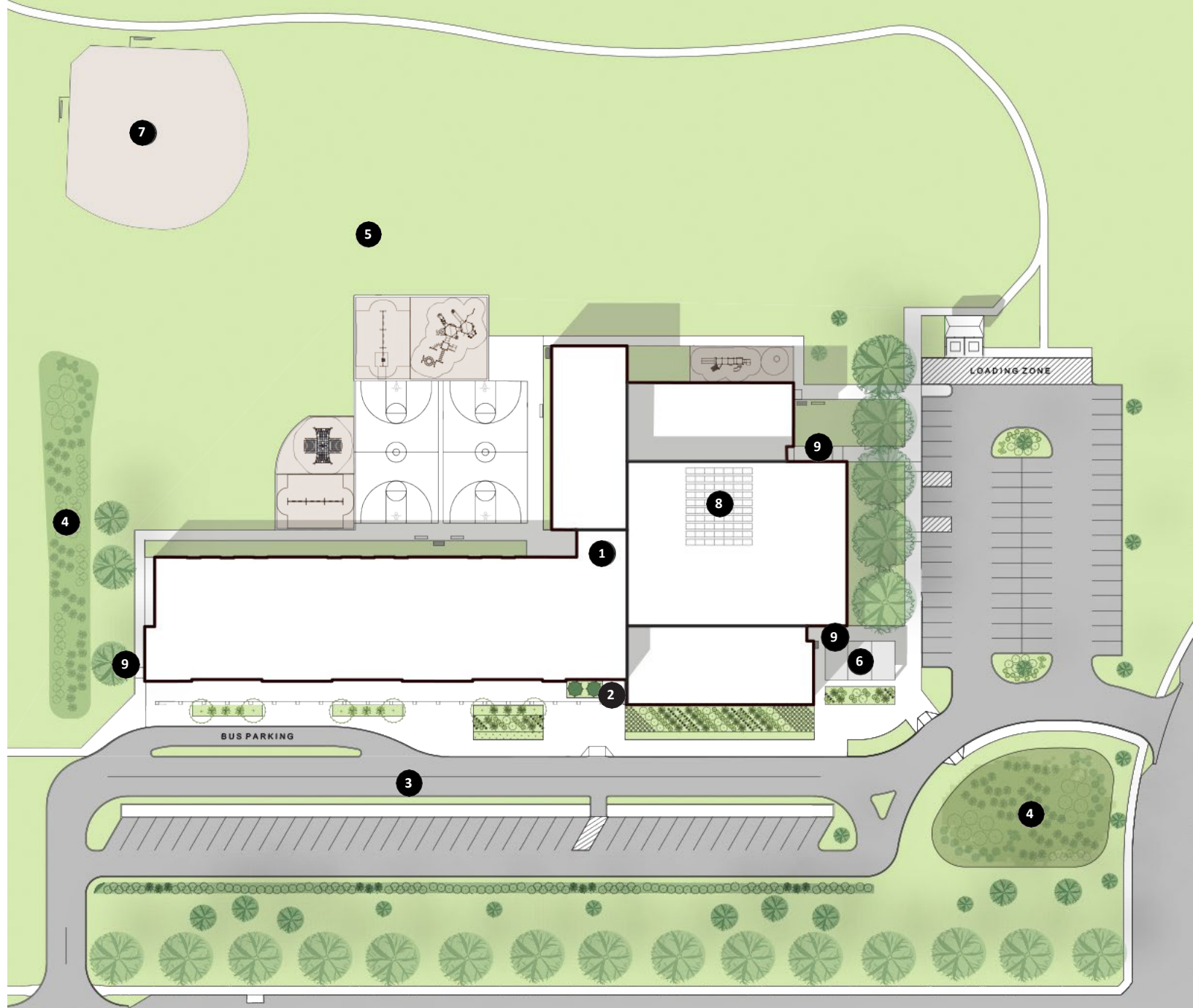
SPRINGFIELD ELEMENTARY

SOUTH FACADE



### Plan Key

- 1 School Building
- 2 Main Entrance
- 3 Drop-off and Pick-up Drive
- 4 Water Detention Pond
- 5 Play Area and Geothermal Well-Field
- 6 Outdoor Classroom
- 7 Baseball Field
- 8 Solar Panels
- 9 Secondary Entrances



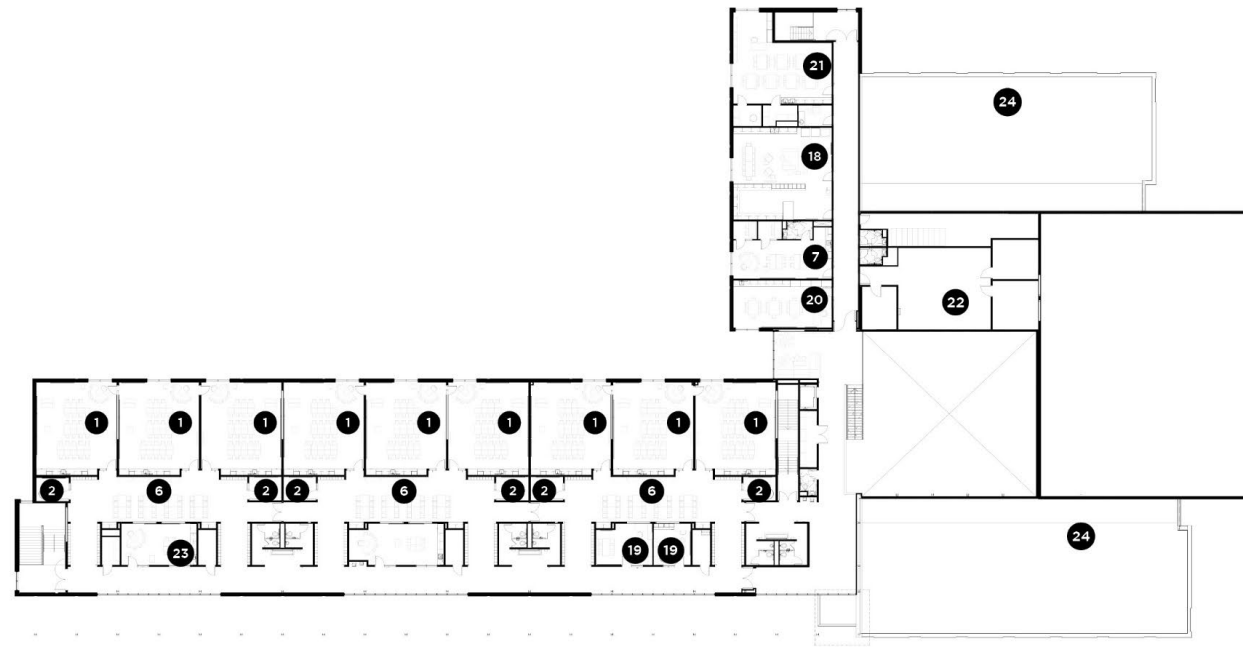




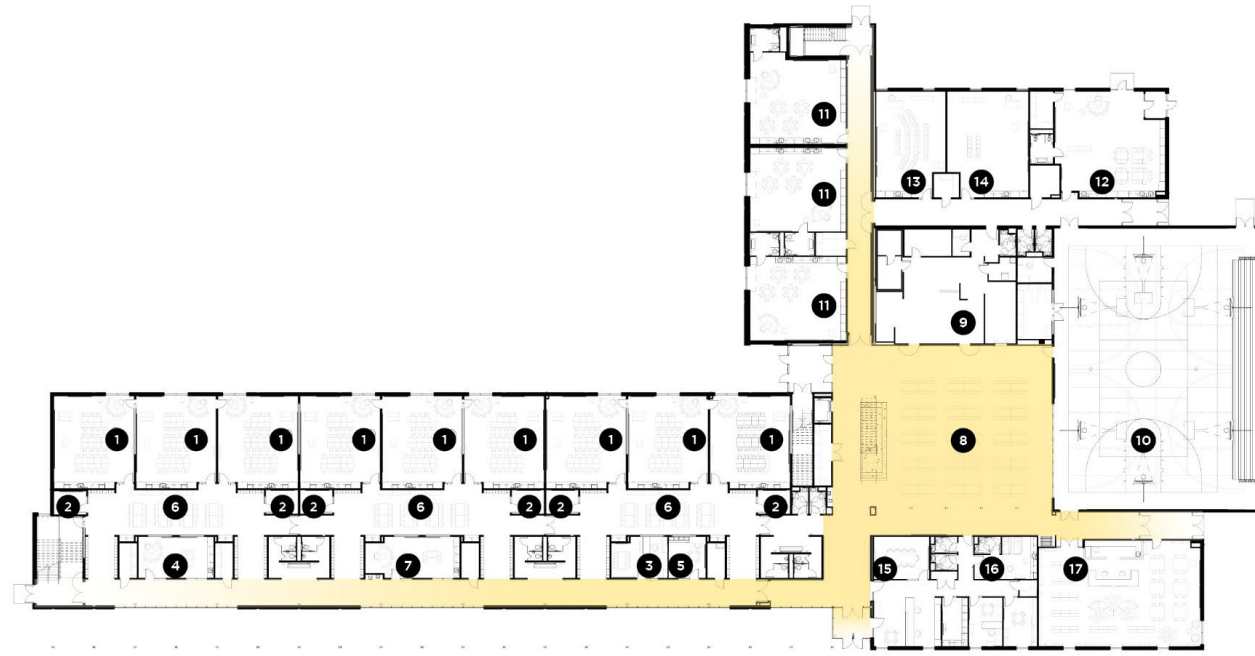
SOUTH ELEVATION - DAY AND NIGHT



- 1 Classroom
- 2 Collaboration Room
- 3 Counselor
- 4 Reading/Math
- 5 Speech
- 6 Learning Commons
- 7 Special Education
- 8 Commons Cafeteria
- 9 Kitchen
- 10 Gym
- 11 Kindergarten
- 12 Pre-K
- 13 Band
- 14 Music
- 15 Conference
- 16 Nurse
- 17 Media Center
- 18 Staff Break
- 19 Specialist
- 20 STEM
- 21 Art
- 22 Mechanical
- 23 Discovery
- 24 Roof



**Second Level**



**Main Level**







MAIN ENTRANCE







CLASSROOM

LEARNING COMMONS

RESOURCE ROOM

CORRIDOR

EXTERIOR WALK







COLONNADE











LEARNING SPACES





SPRINGFIELD ELEMENTARY  
Springfield  
Elementary

VIEW FROM SOUTHEAST





# Architecture Honor Award



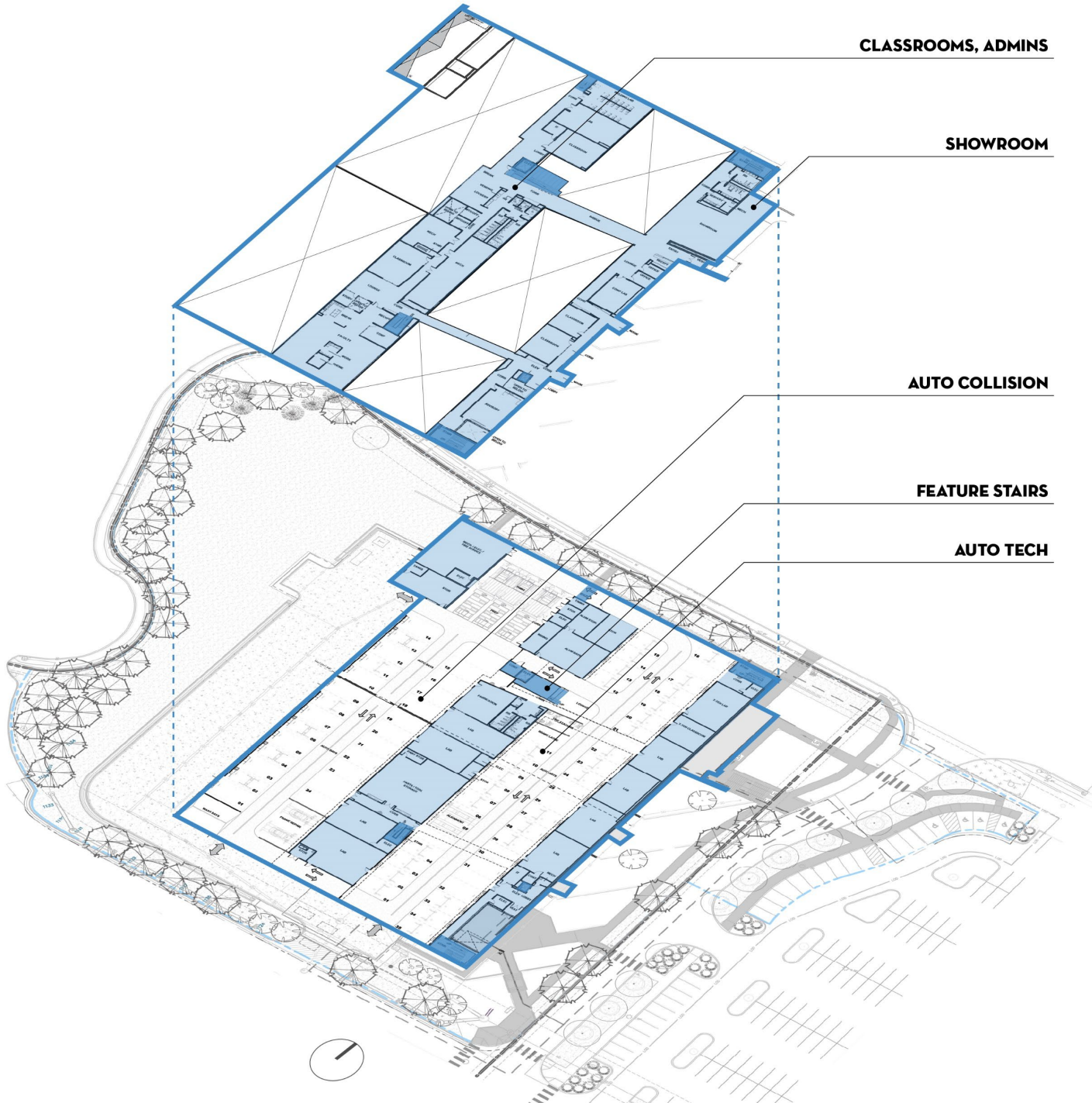
**MCC Auto Tech Facility 23-139**  
*Omaha, NE*

*BVH Architecture*  
*Metro Community College*









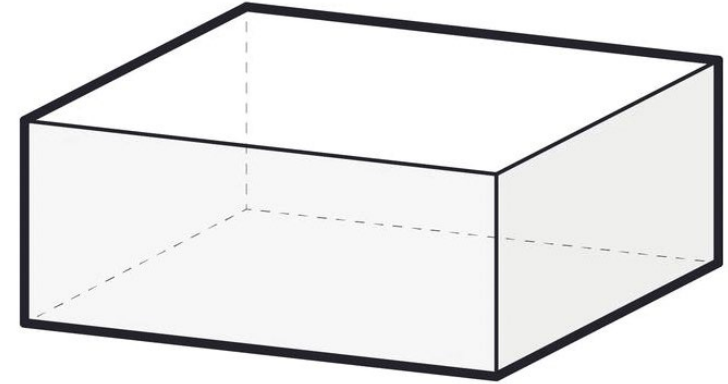
**CLASSROOMS, ADMINS**

**SHOWROOM**

**AUTO COLLISION**

**FEATURE STAIRS**

**AUTO TECH**



**CONCEPT DIAGRAM - BUILDING MASS**

### **CONTEXTUALITY**

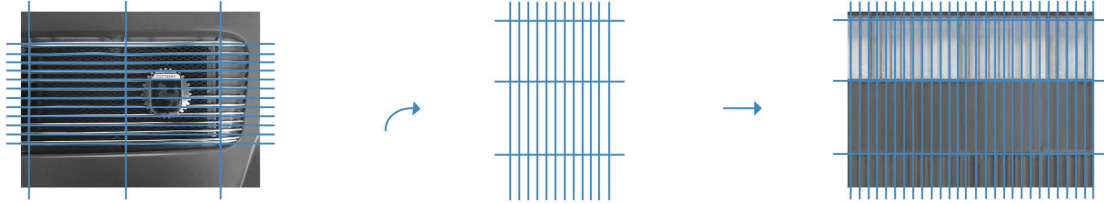
Located on the MCC South Omaha Campus, the new MCC Auto Tech Facility is a 100,000 square-foot building that serves as home of the College's Automotive Technology and Automotive Collision Technology programs. The program facilitates key partnerships between the college and private industry partners such as Toyota, Scion, and Lexus.

The facility features state-of-the-art learning environments for MCC students, faculty, and staff that are spread over two floors. Hands-on lab environments are located on the first floor of the facility and make up most of the building's overall footprint while conventional classrooms, break areas, faculty and administrative offices, and a large showroom are located on the second floor.



## IDENTITY THROUGH ECONOMY

The project strived to connect back to the existing MCC South Omaha campus, both physically and visually, creating a holistic campus environment for the staff, students and visitors. At the same time, the new facility establishes a unique, distinguished identity, using simple, durable, quality materials utilized in compelling ways.



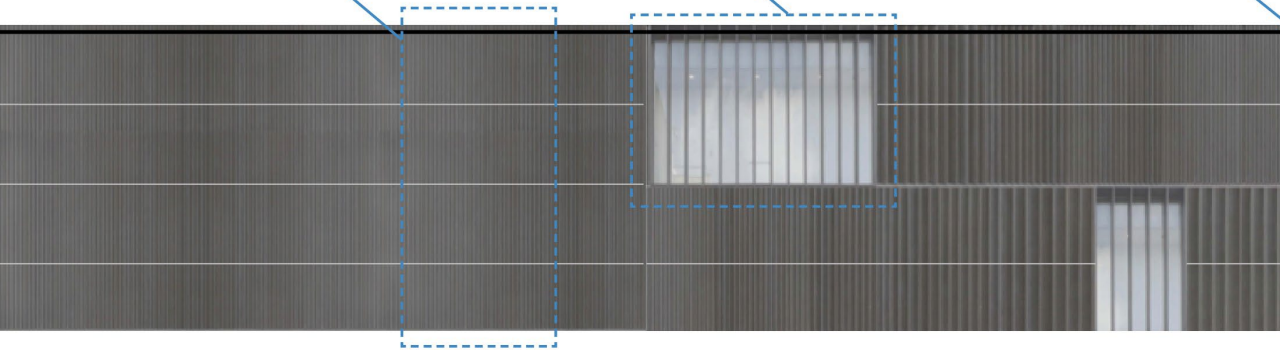
STORAGE



COLLAB



NOOK



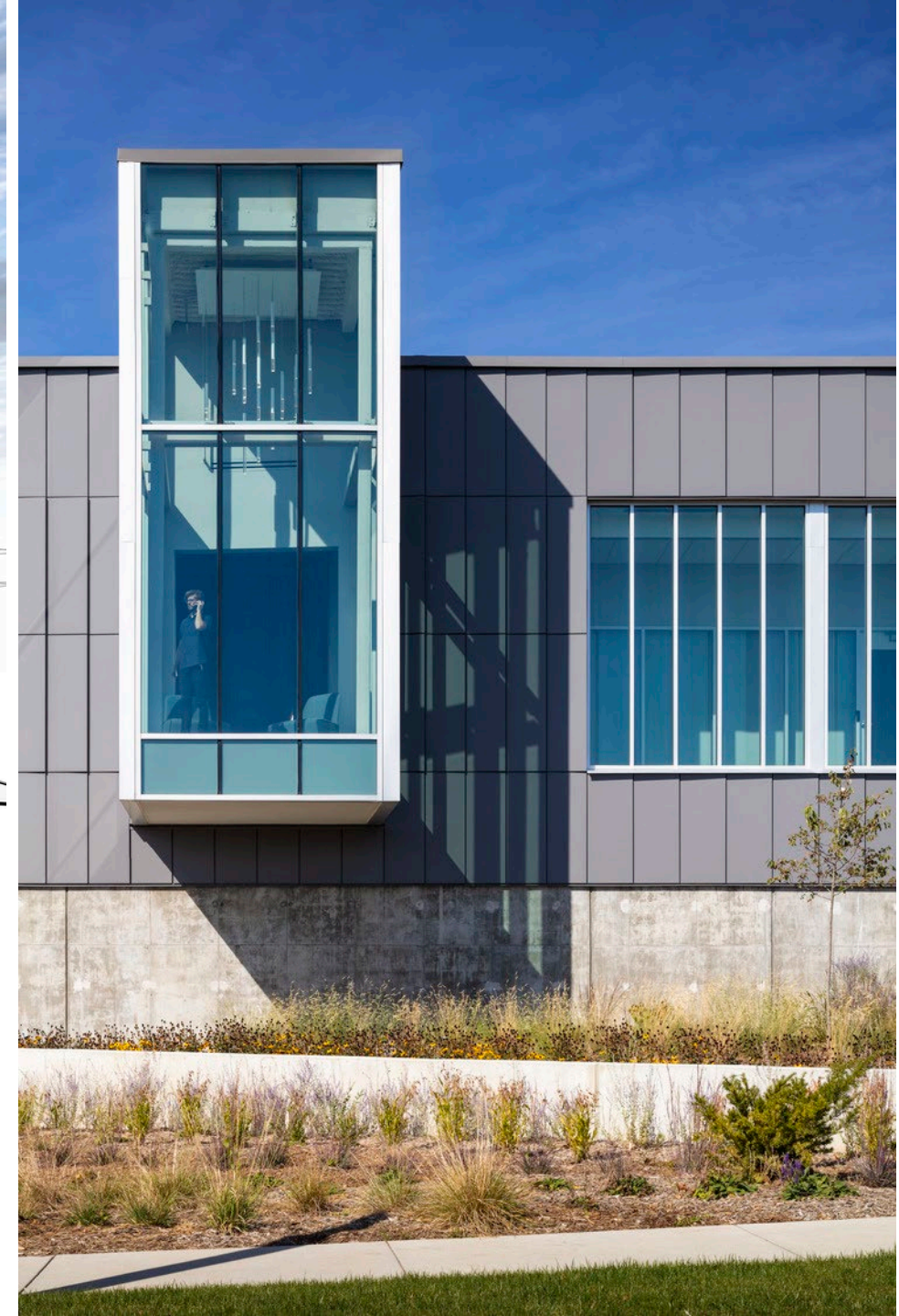




## TRANSPARENCY

The design aims to create a center for educational excellence, by putting learning on display. With physical and visual connection between public and secure educational areas, future students and potential industry partners are able to observe the educational space safely from above.

Interior lounge spaces extend out from the building envelope into the adjacent landscape and connect back to the design of the connector building.







EXIT

100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120

100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120





ROTARY LIFT

144



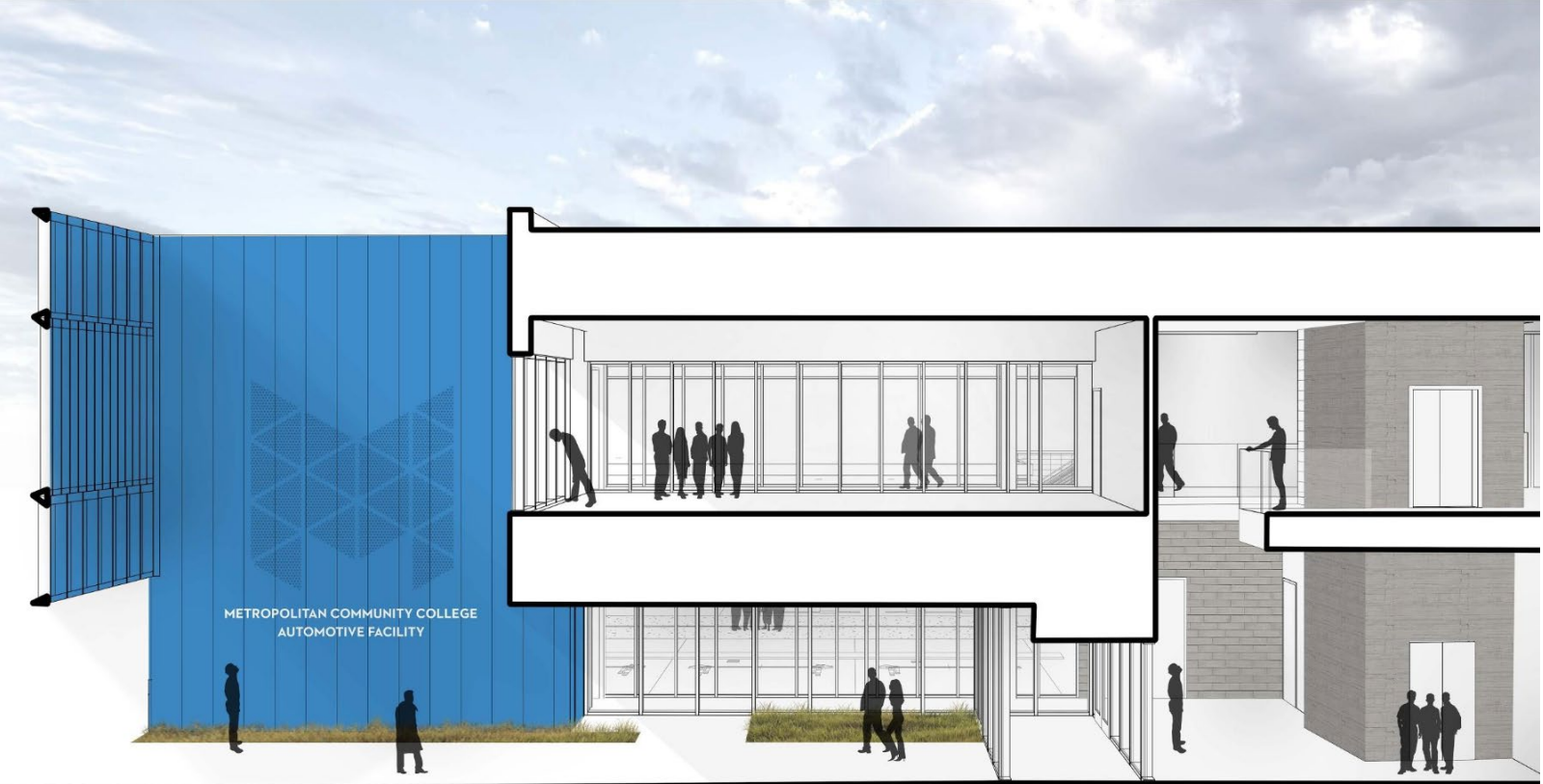


## CONNECTIVITY

Ample glazing on second floor area provides views down onto the hands-on learning program spaces. Two glass bridges were designed to span over one side of the shop area to allow 360 degree views down into the space.

Light from the clerestories is shared and distributed among different programs located around the floor opening, helping to improve the learning environment in each space. The floor openings also allow for views into the primary educational areas and between multiple program spaces.



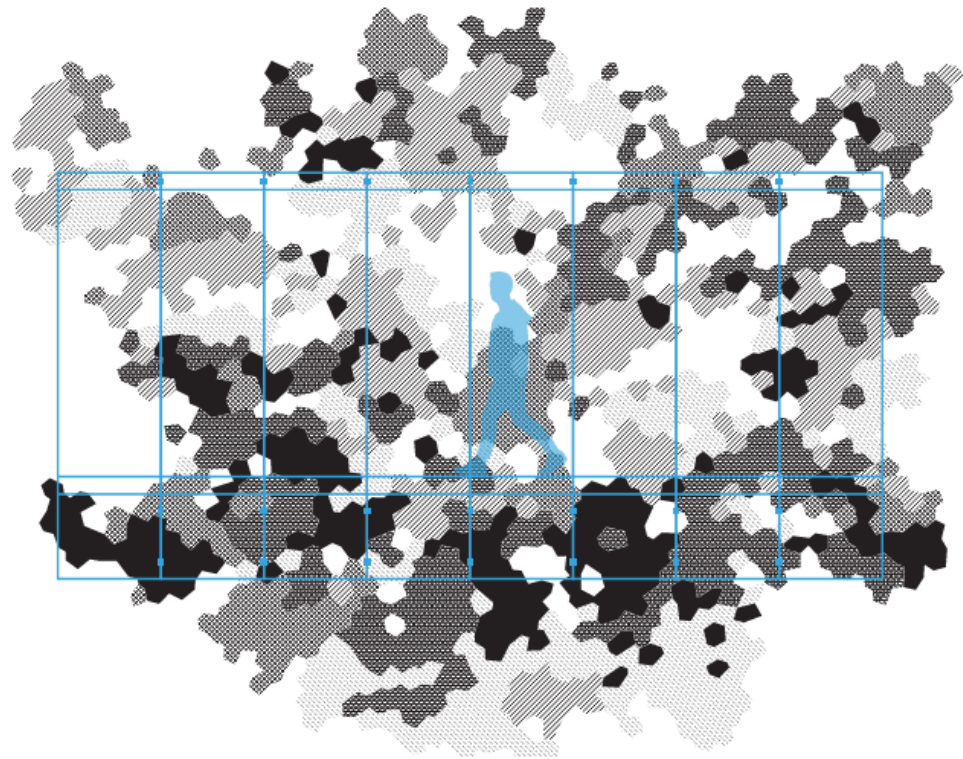


### **BRANDING, RECRUITING & PARTNERSHIP OPPORTUNITIES**

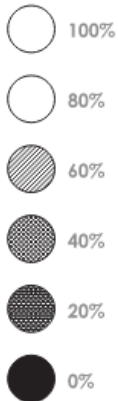
MCC wants this building to be a show piece for the college and also a recruiting tool for future students. The brick entry wall at the primary entry provides a reference to the existing campus building and the materiality of all MCC campuses. All retaining walls are kept low in front of the show room to provide clear views into the building. MCC's branding elements, colors and signage are incorporated throughout the building.







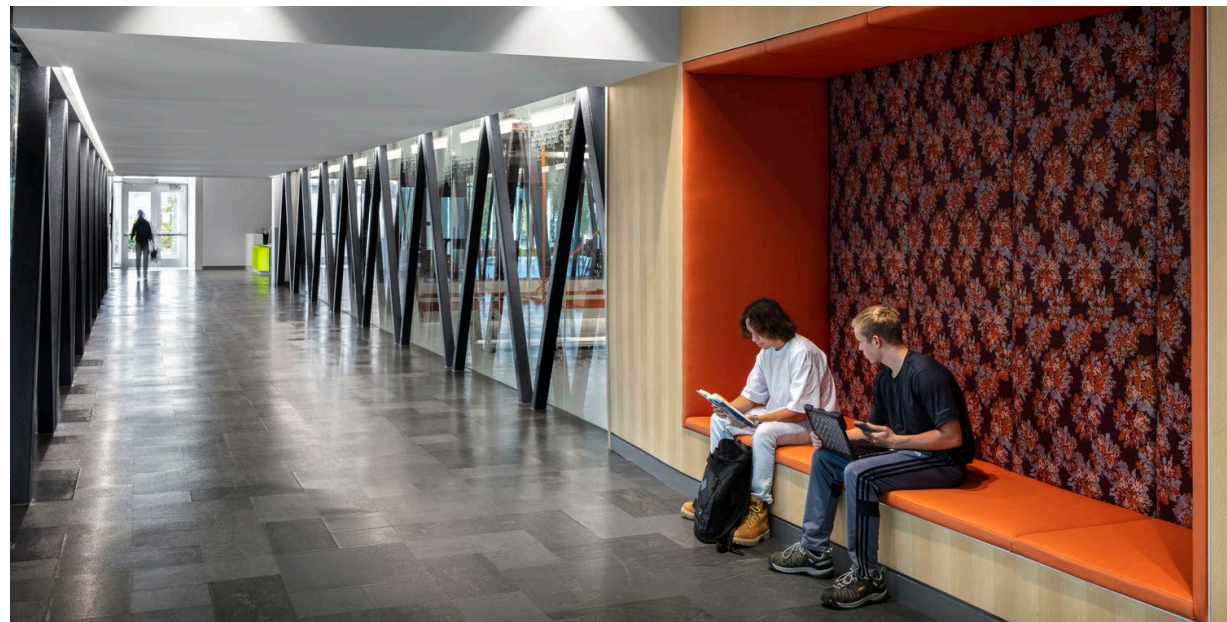
TRANSPARENCY:



## BIOPHILIC DESIGN

Biophilic design operates over scales from touchable close-up materials, to the whole building organization and layout. Wood materials and wall coverings introduce biomorphic forms and patterns similar to what exists in nature. Acoustical ceiling elements are used throughout the building referencing natural organic arrangements. Glass bridges throughout the space are decorated with glass film patterned to mimic clouds.

The purposeful incorporation of nature and biophilic elements allow users a reprieve from the heavily industrial elements they are working with on a daily basis, and aid the facility to achieve LEEDv4 Silver certification.











# 2023 AIA Nebraska Excellence in Design Awards

[www.aiane.org](http://www.aiane.org)